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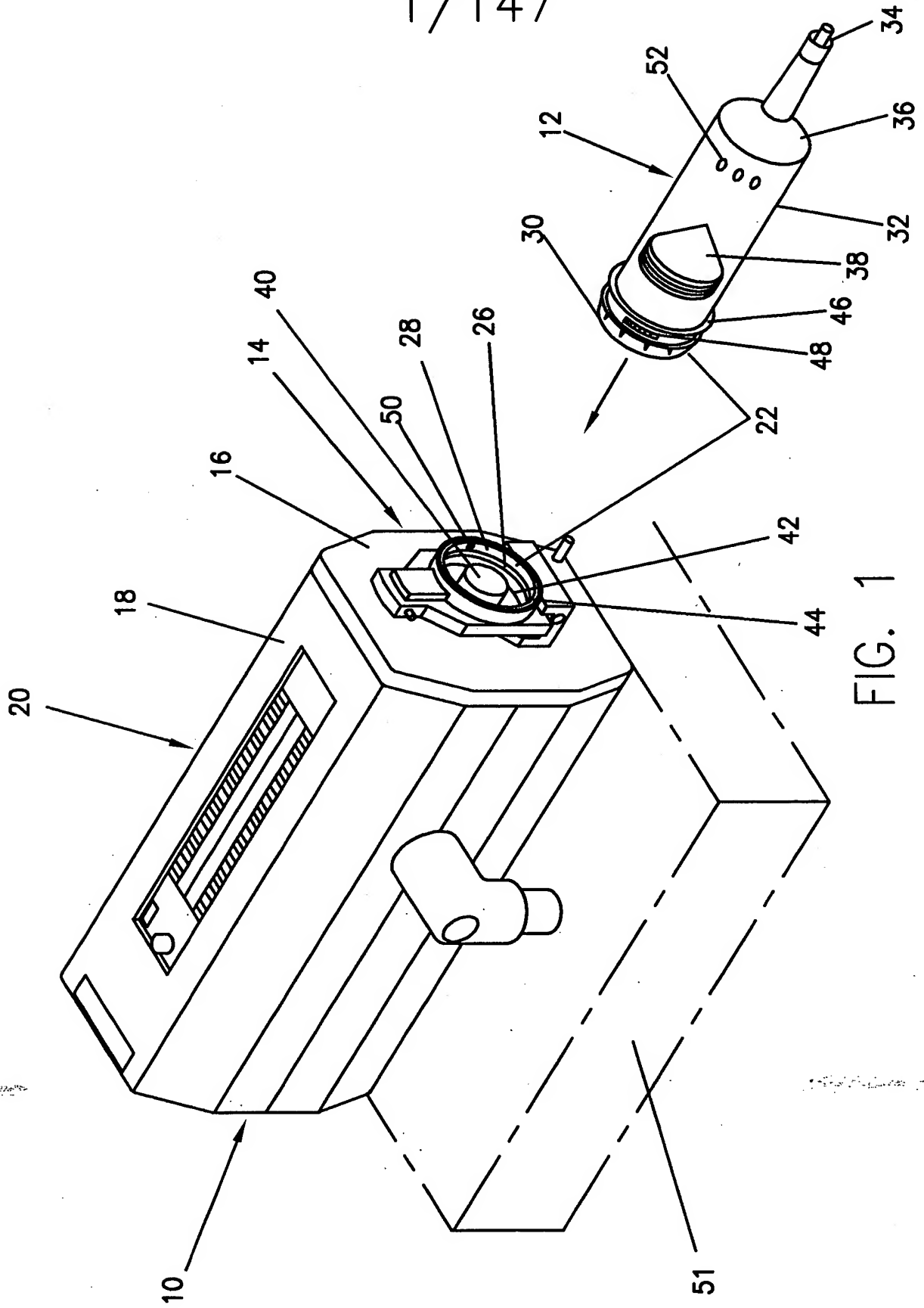


FIG. 1

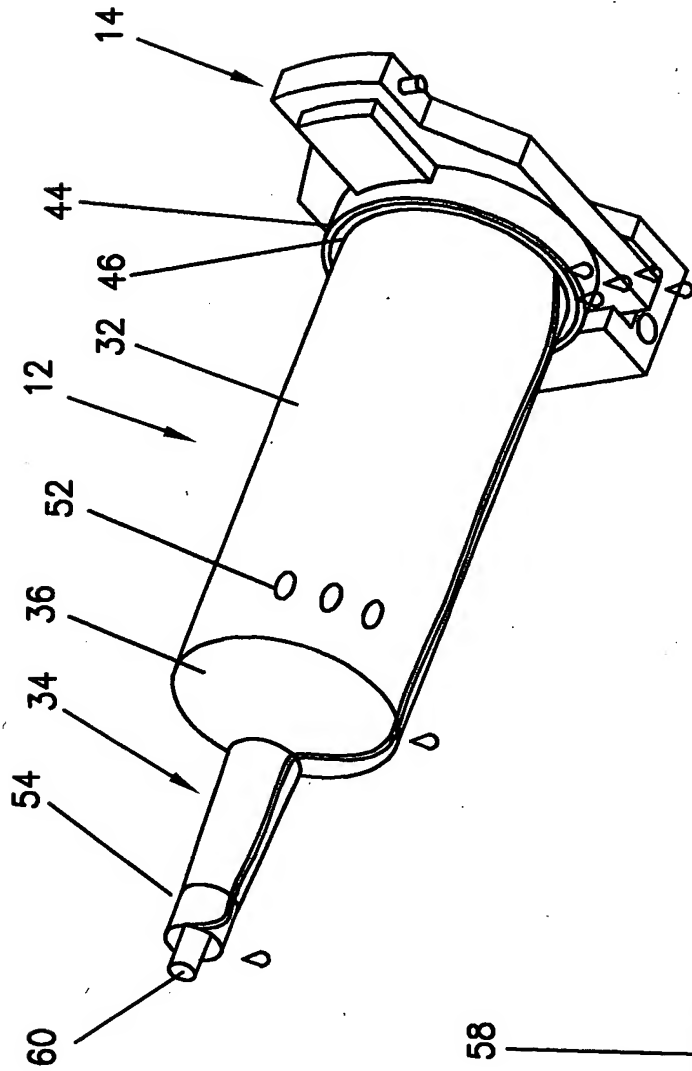


FIG. 2

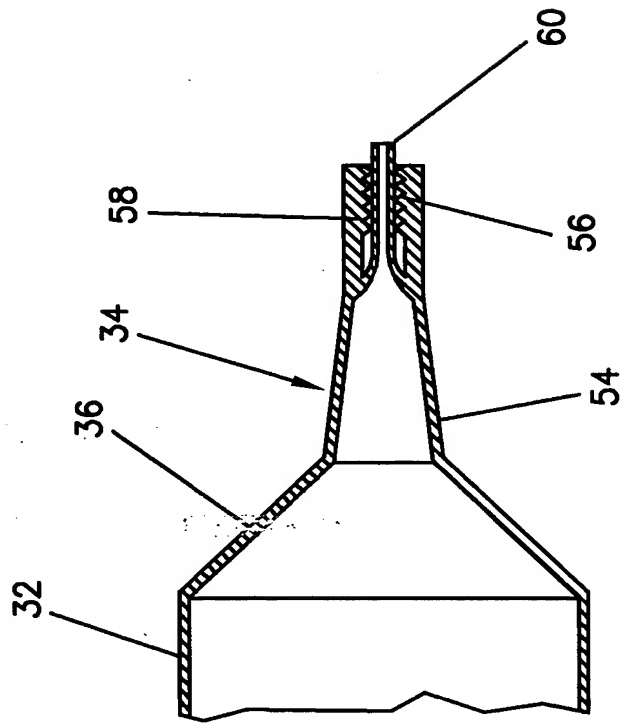
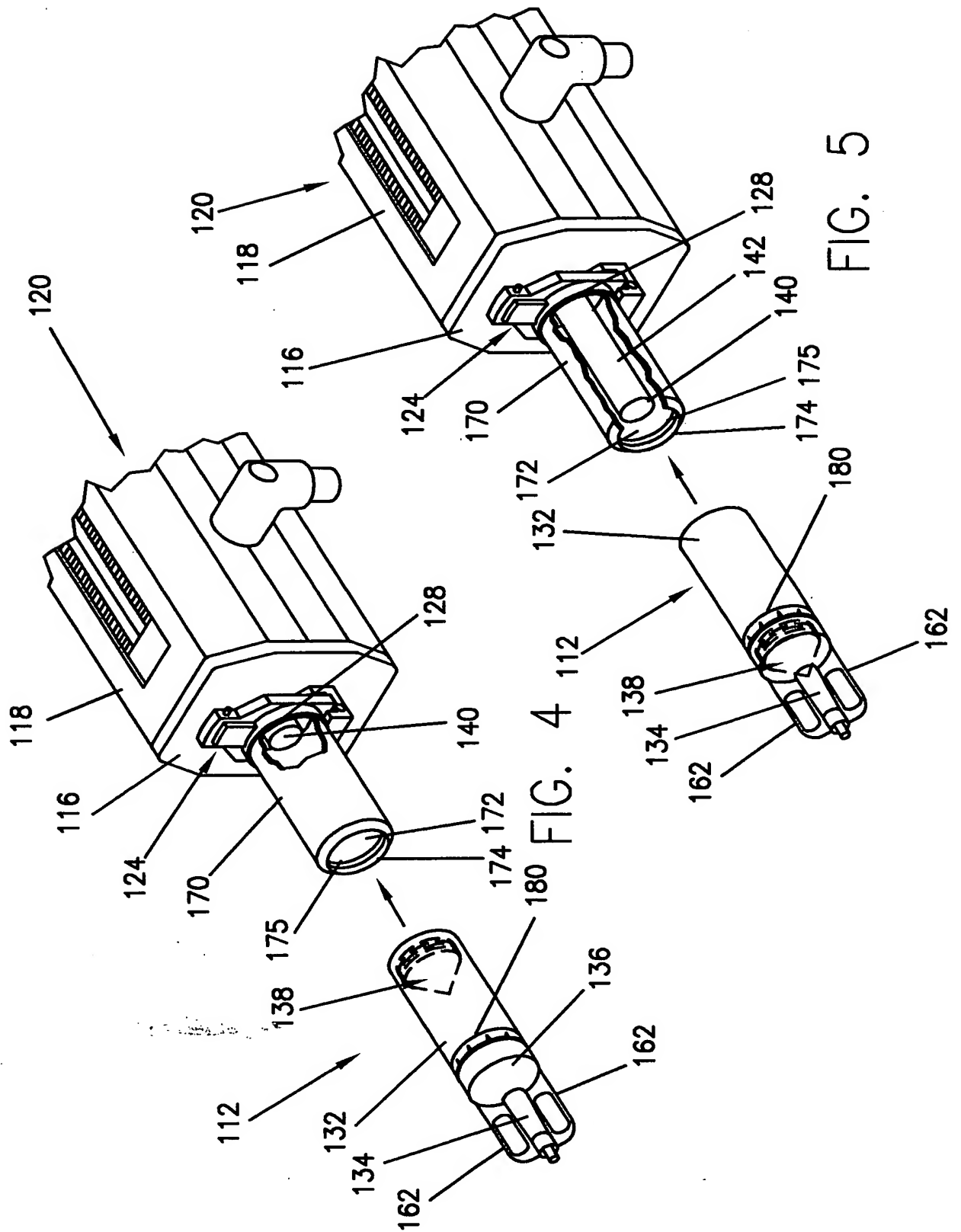


FIG. 3



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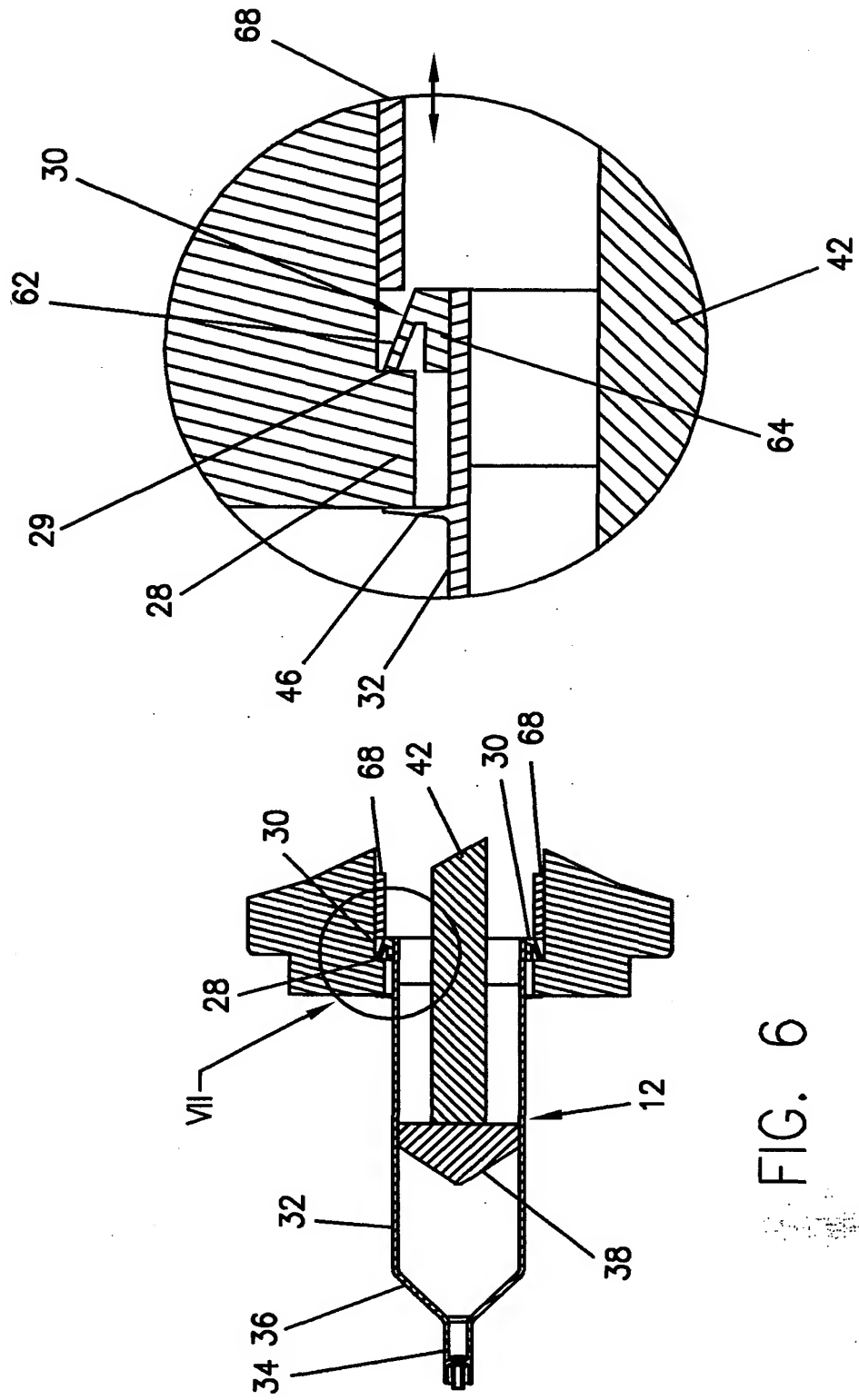


FIG. 7

FIG. 6

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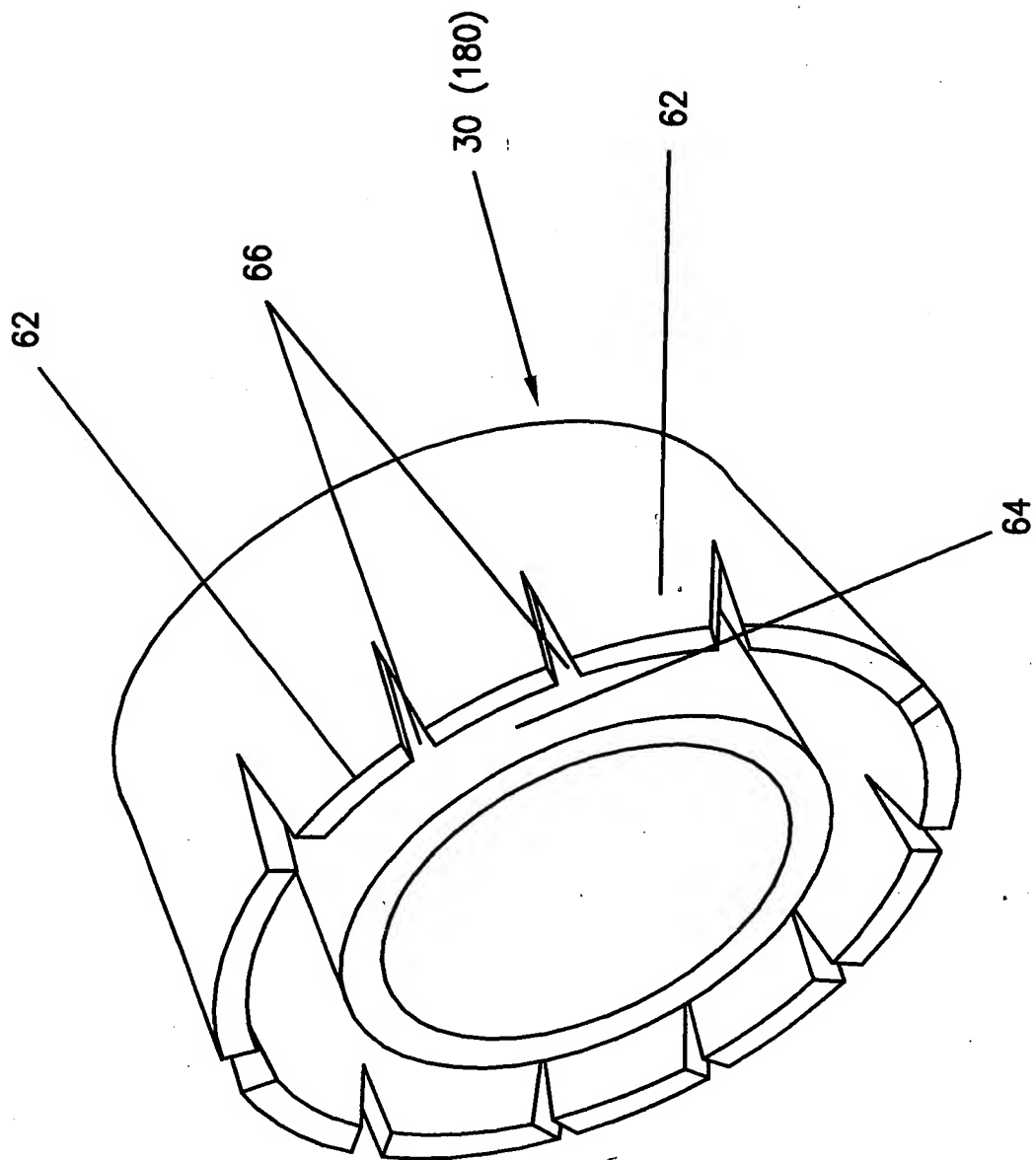


FIG. 8

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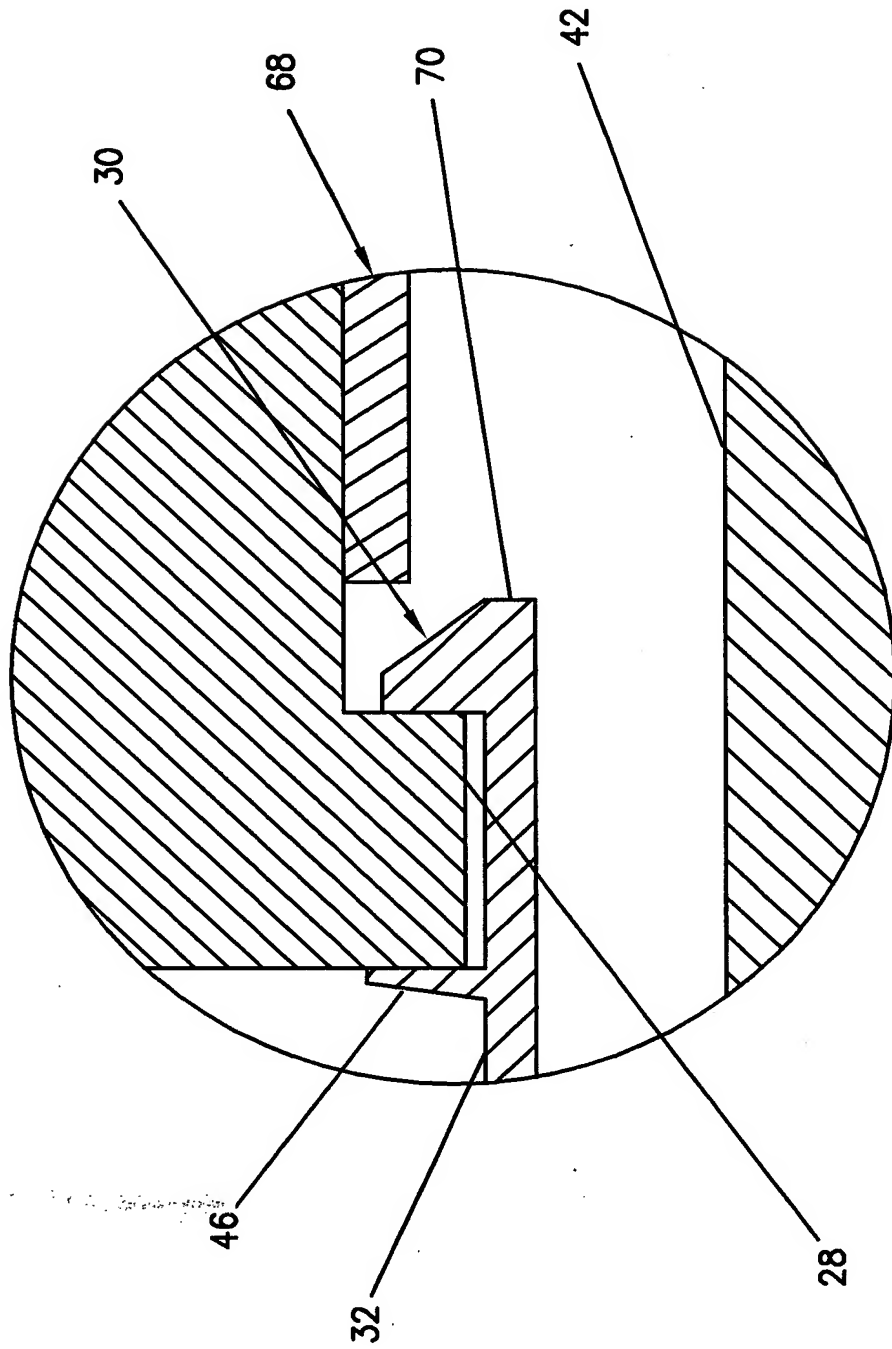


FIG. 9

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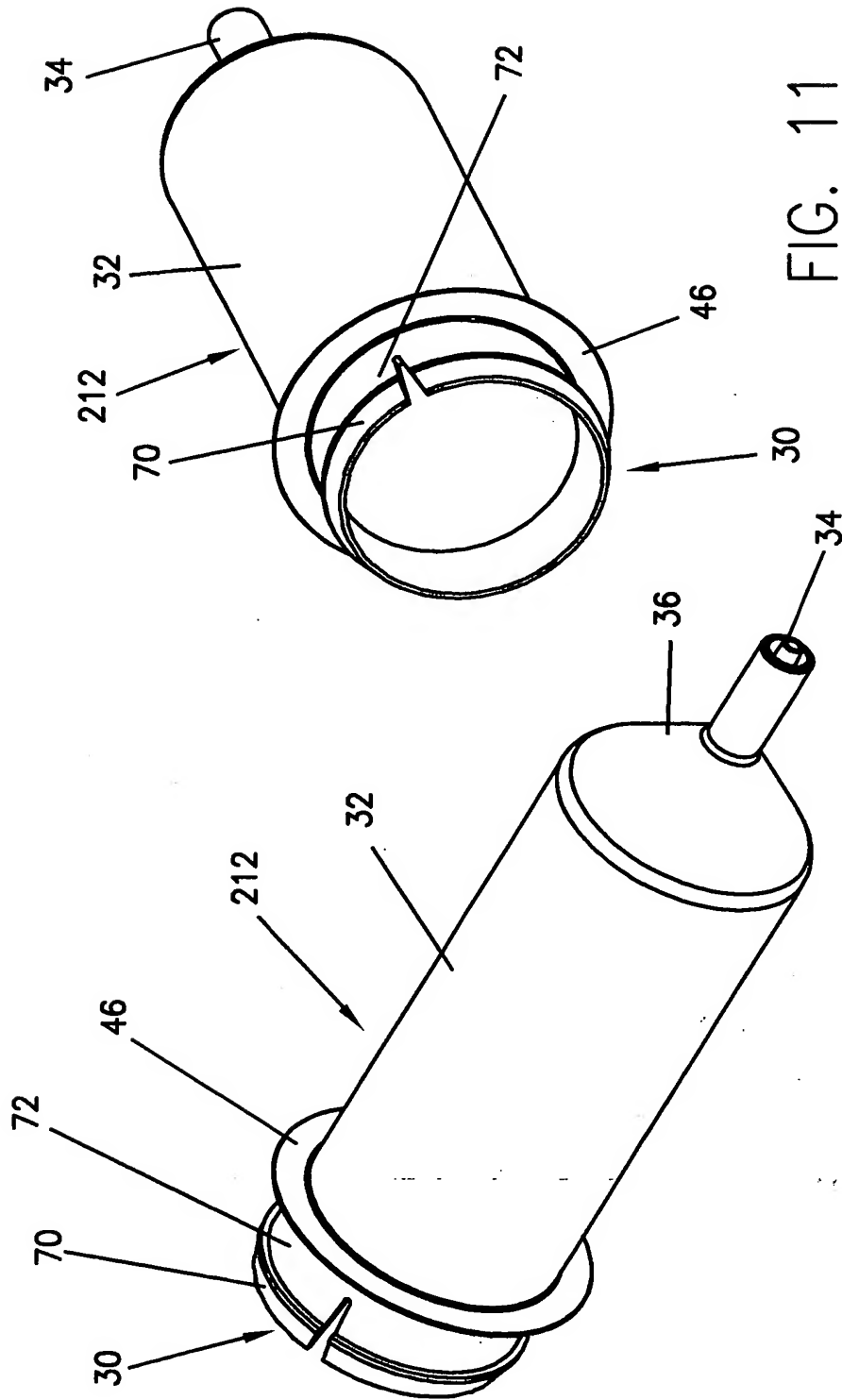


FIG. 11

FIG. 10

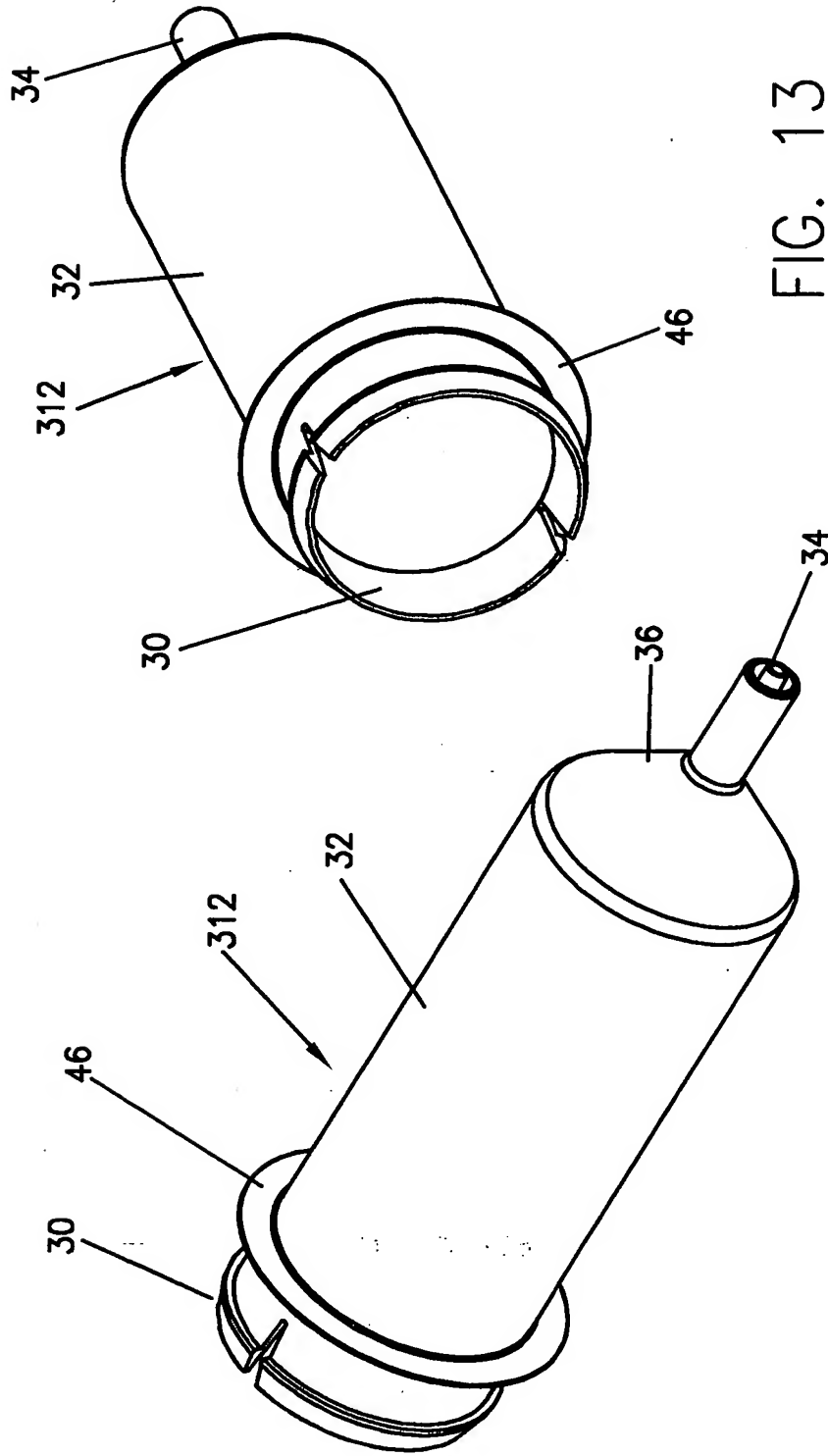


FIG. 12

FIG. 13



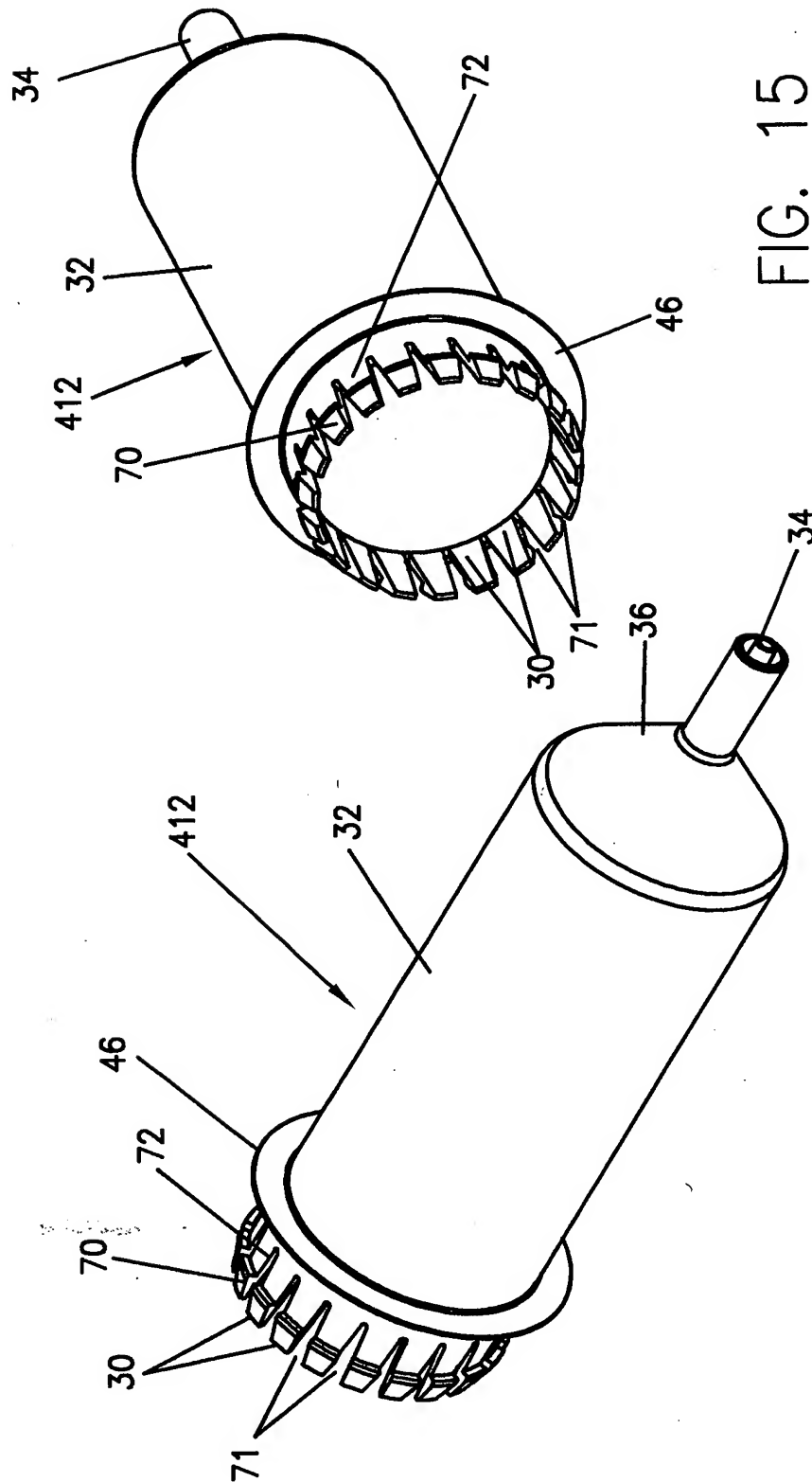


FIG. 14

FIG. 15

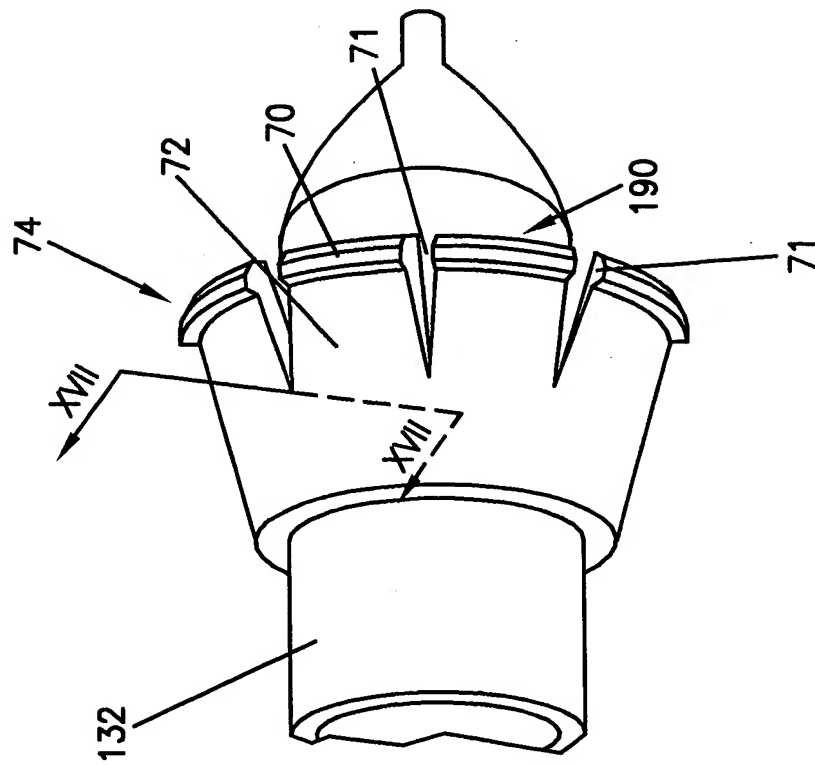


FIG. 16

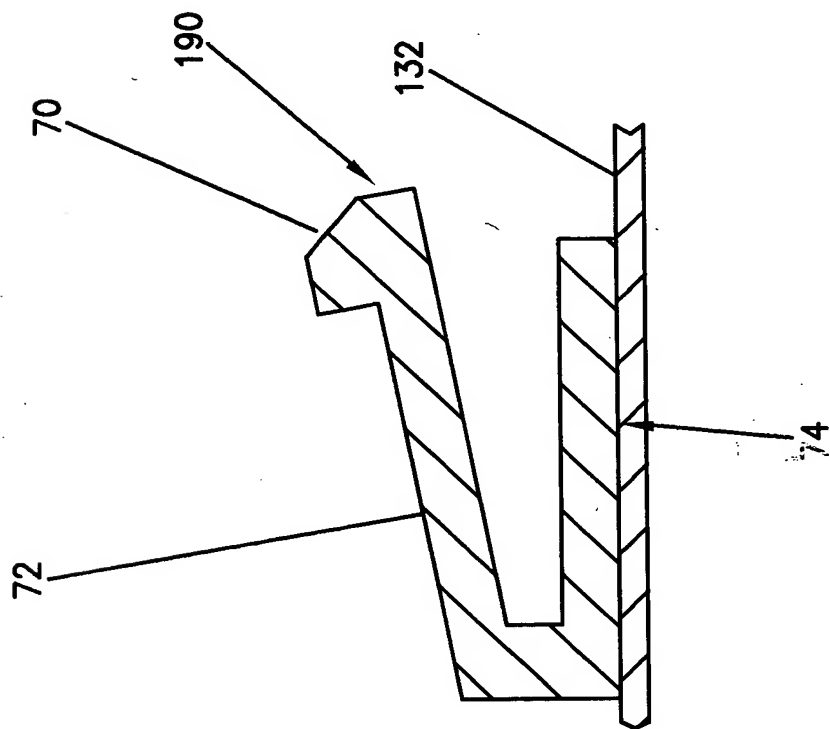


FIG. 17



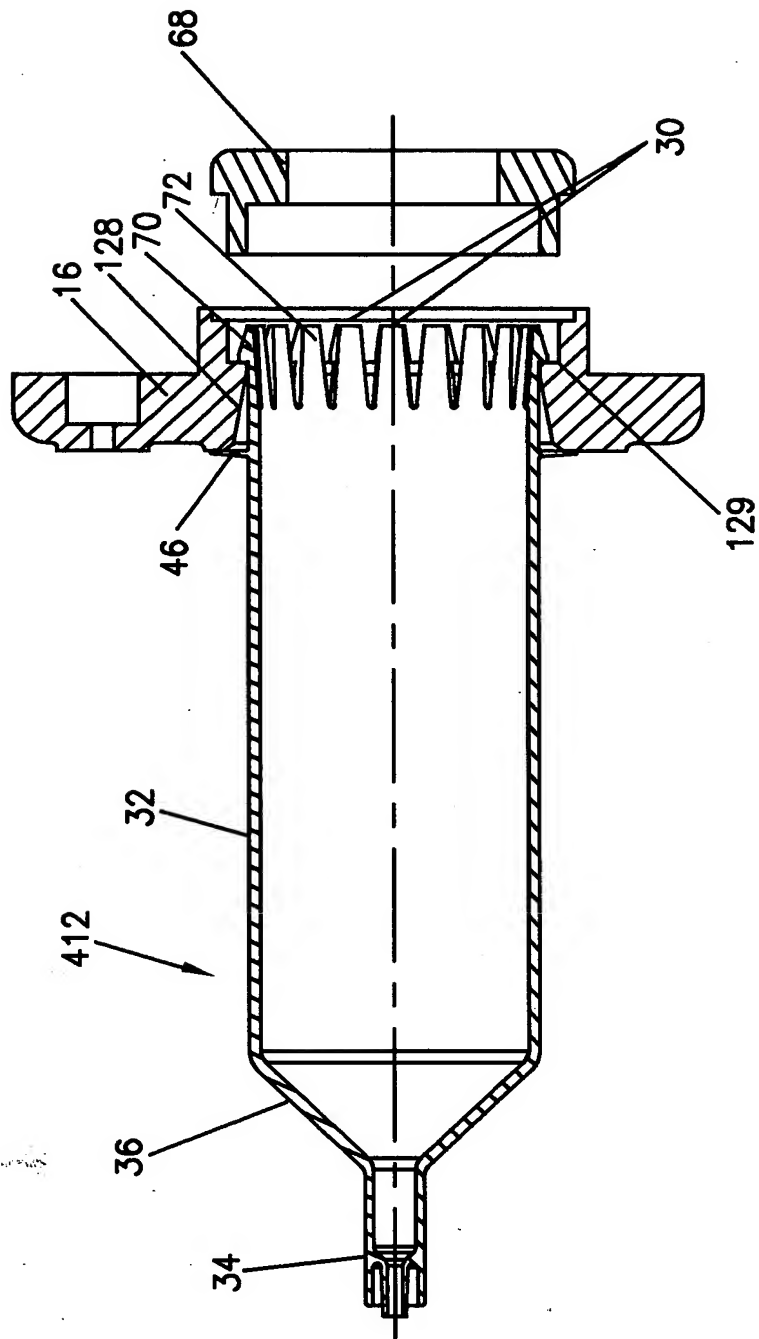


FIG. 19

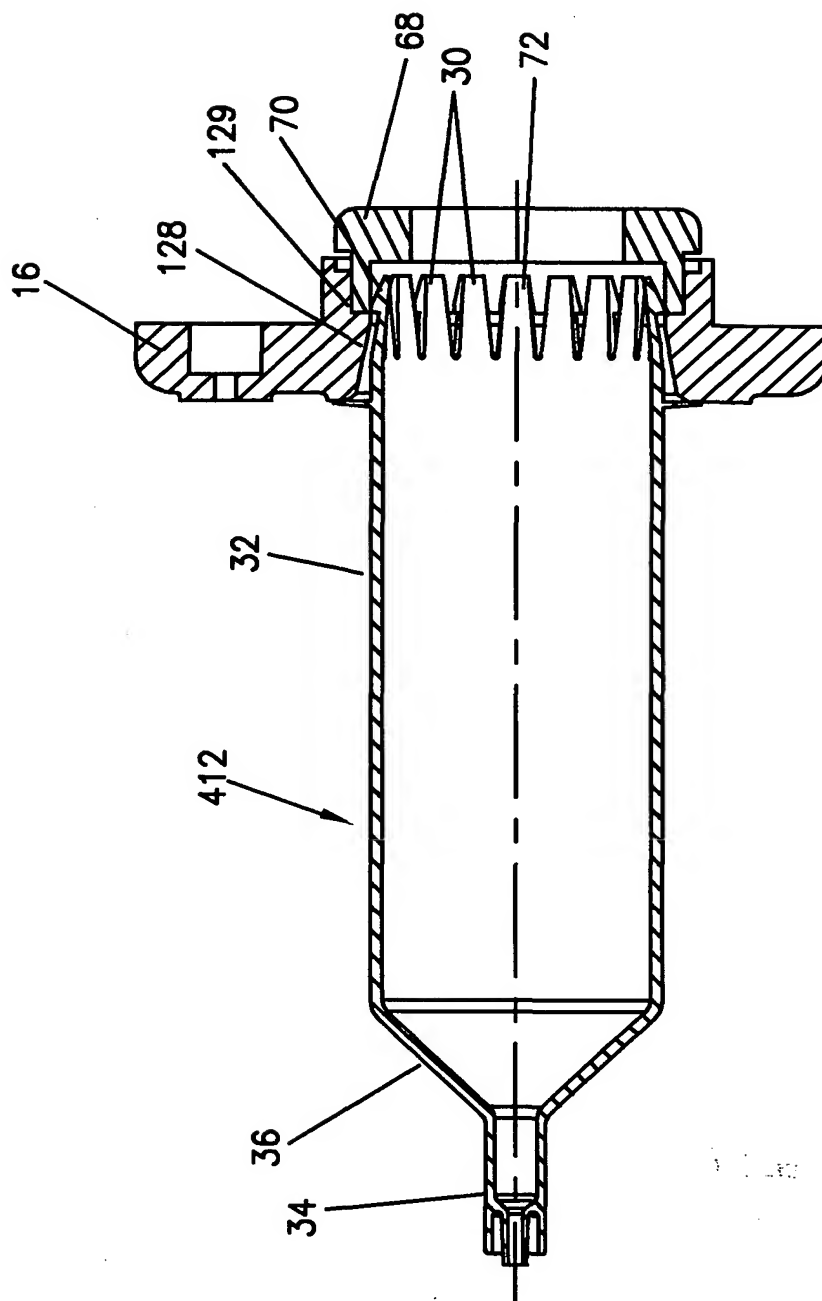


FIG. 20

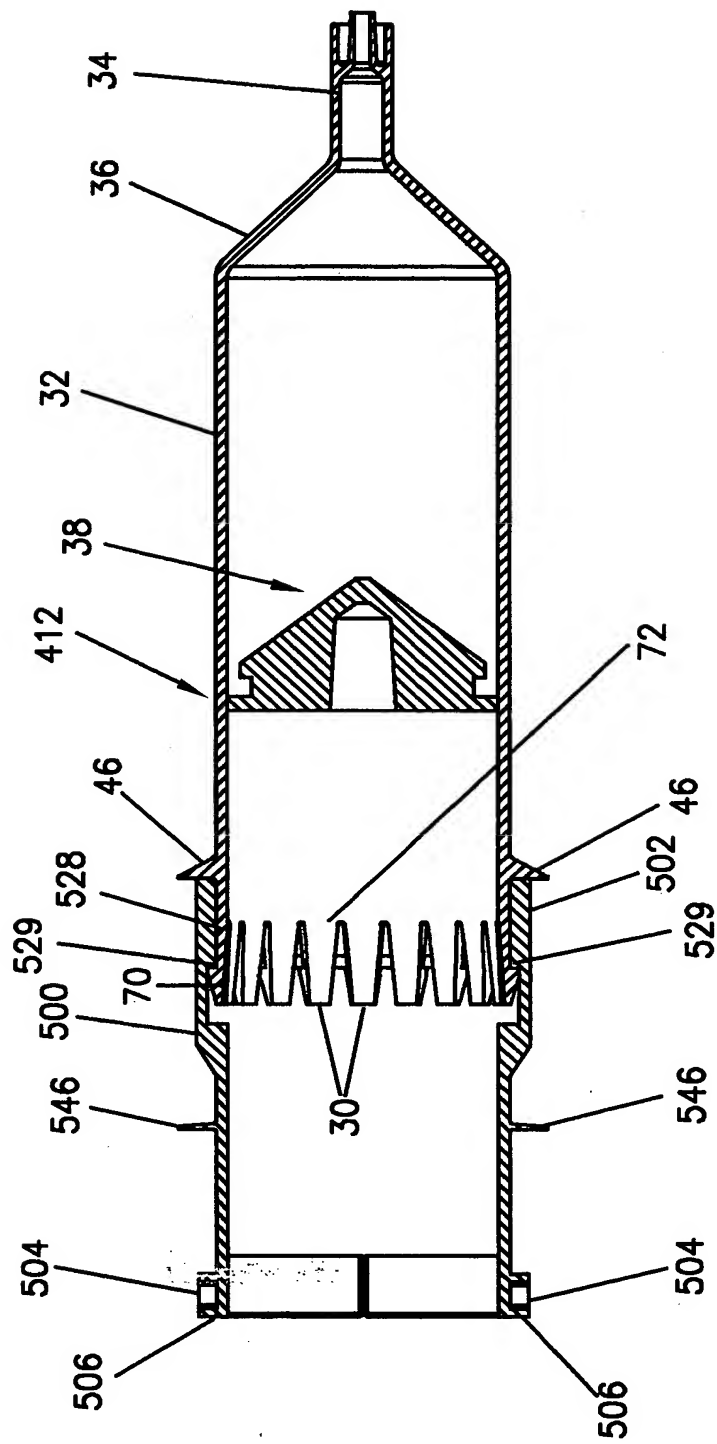


FIG. 21

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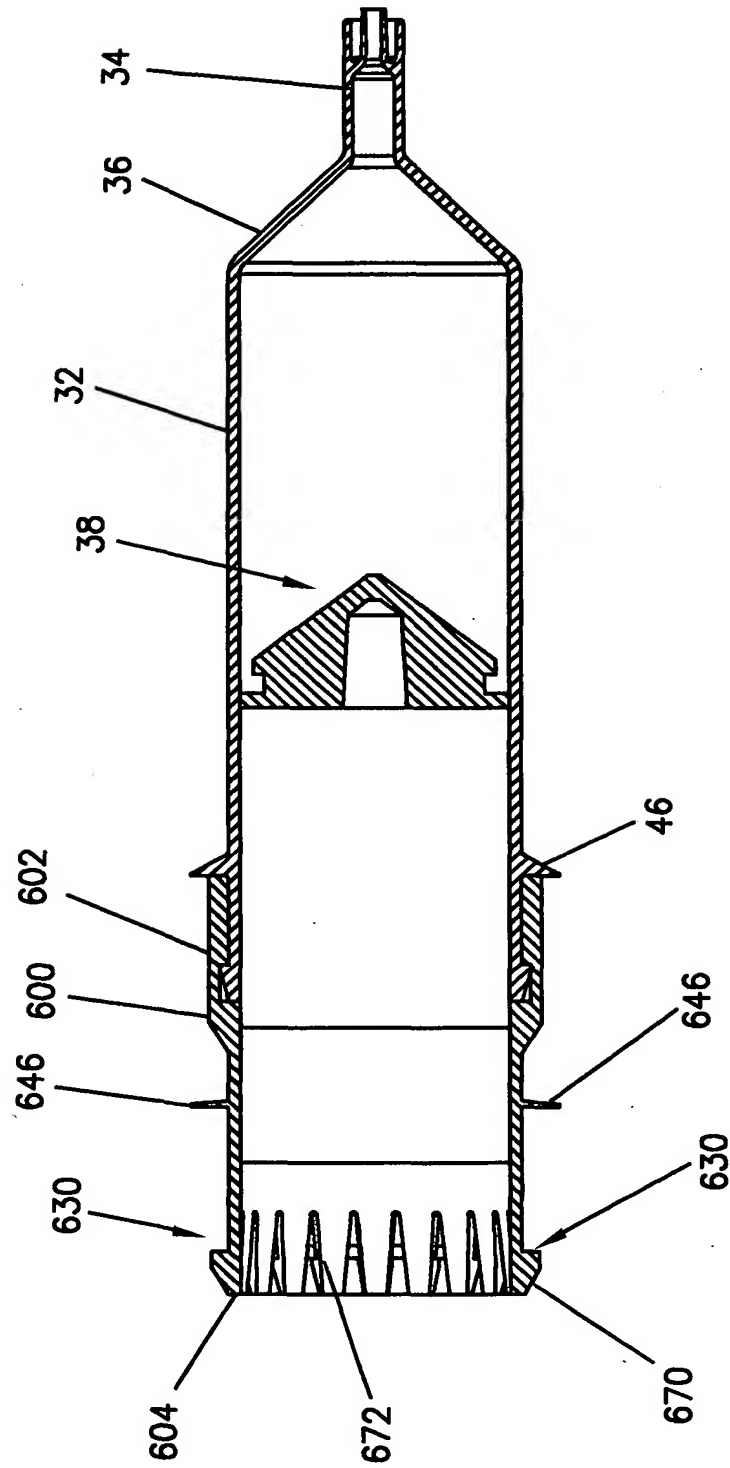


FIG. 22

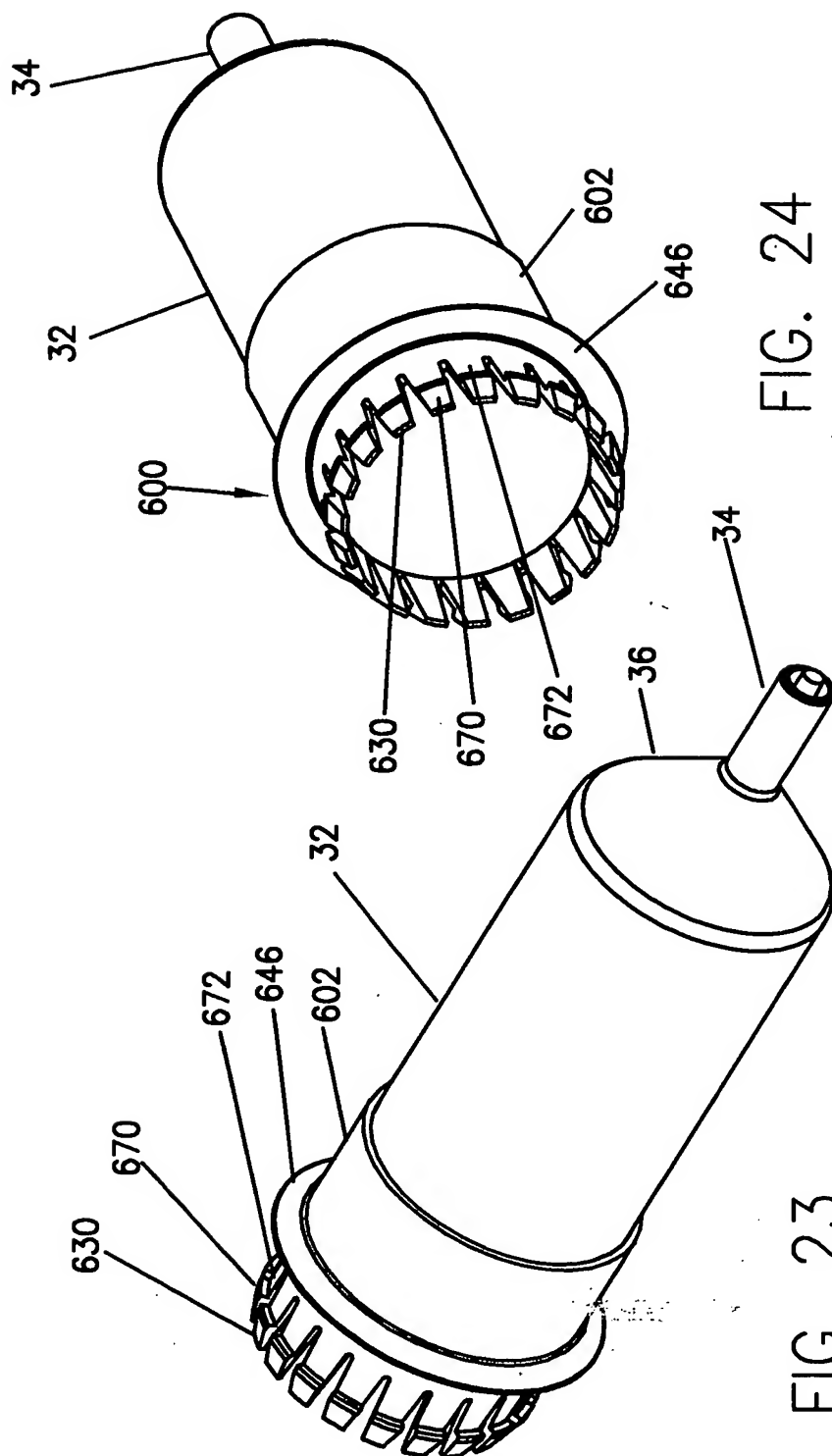


FIG. 24

FIG. 23



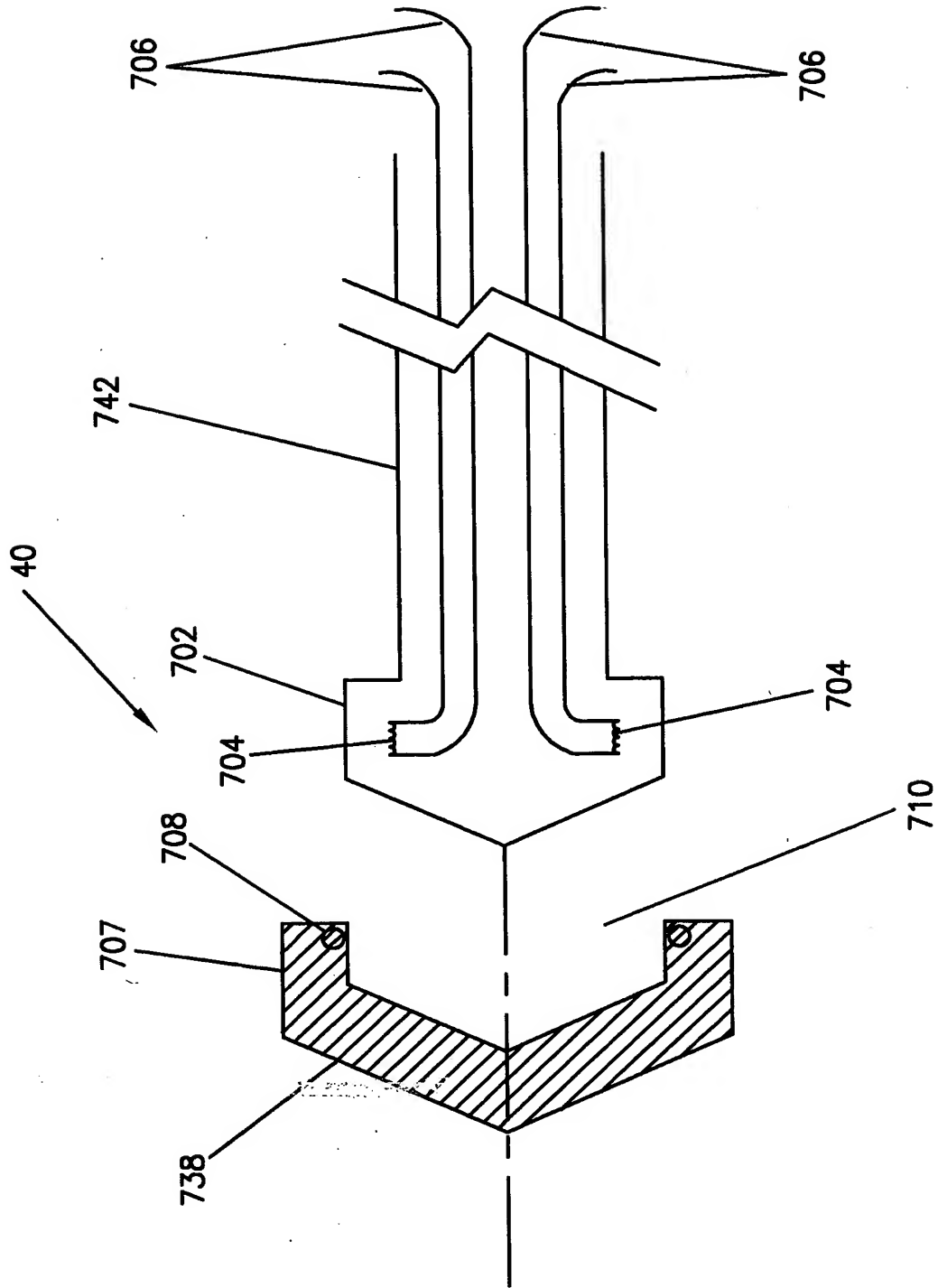


FIG. 25

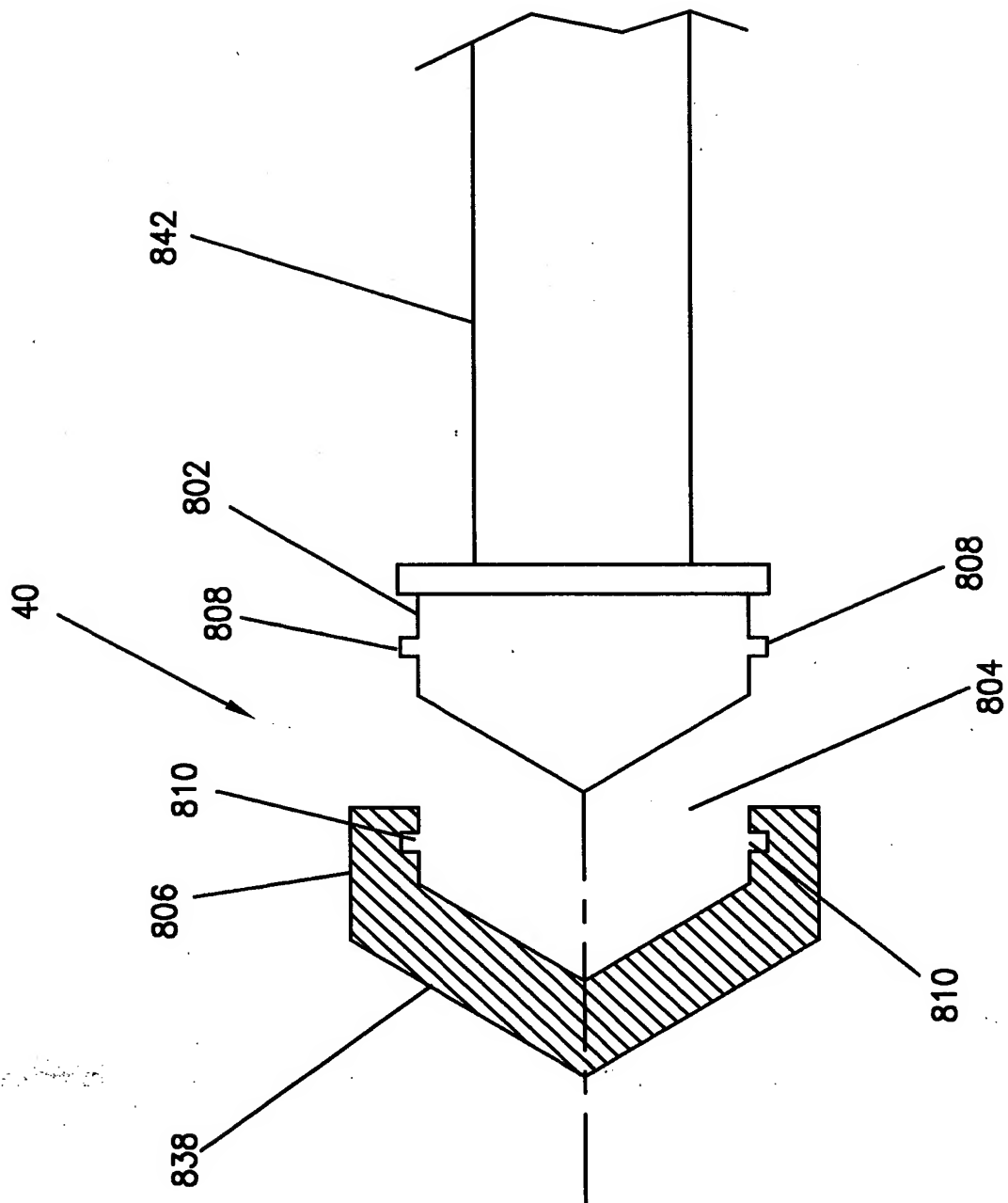


FIG. 26



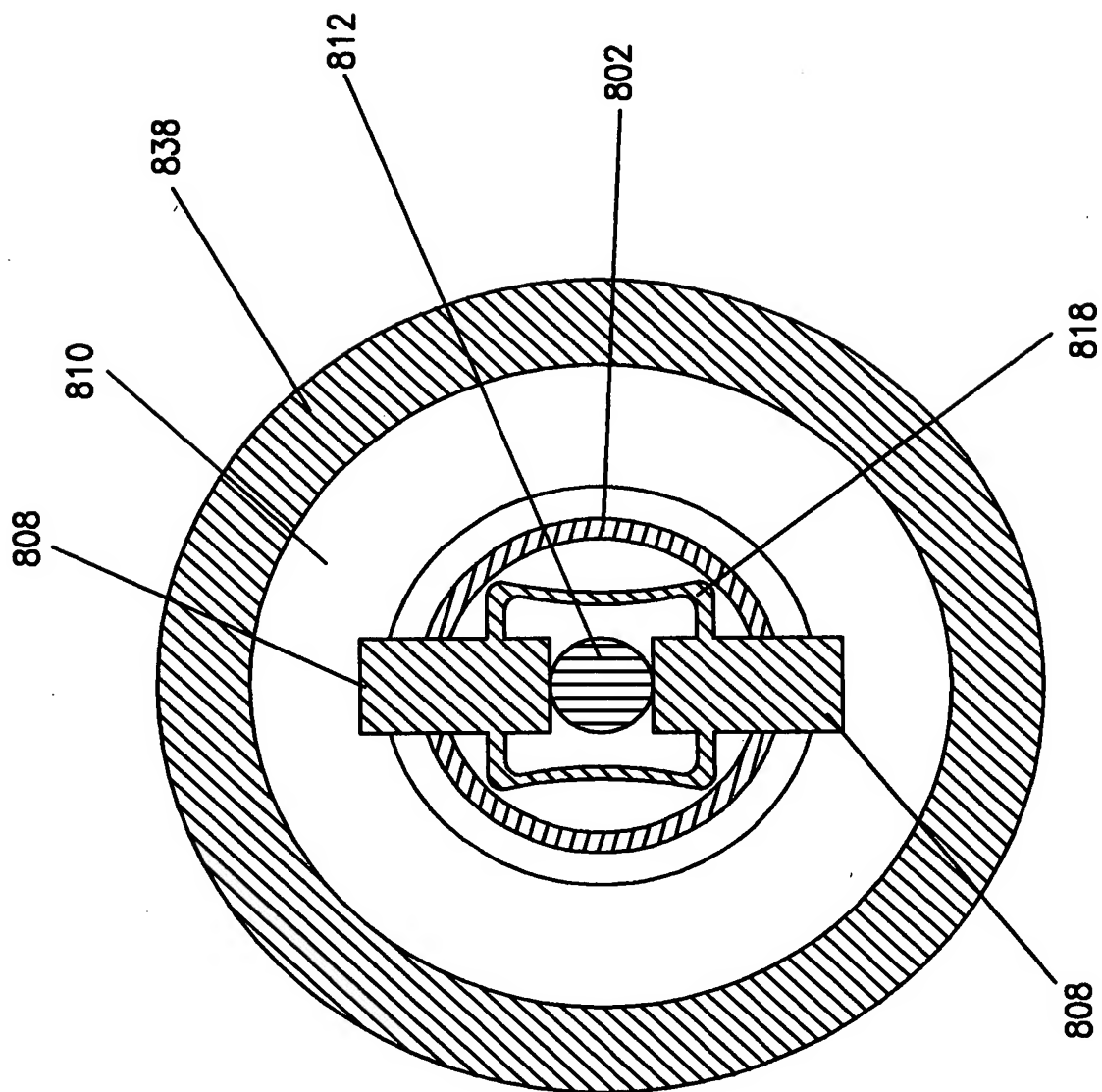


FIG. 28

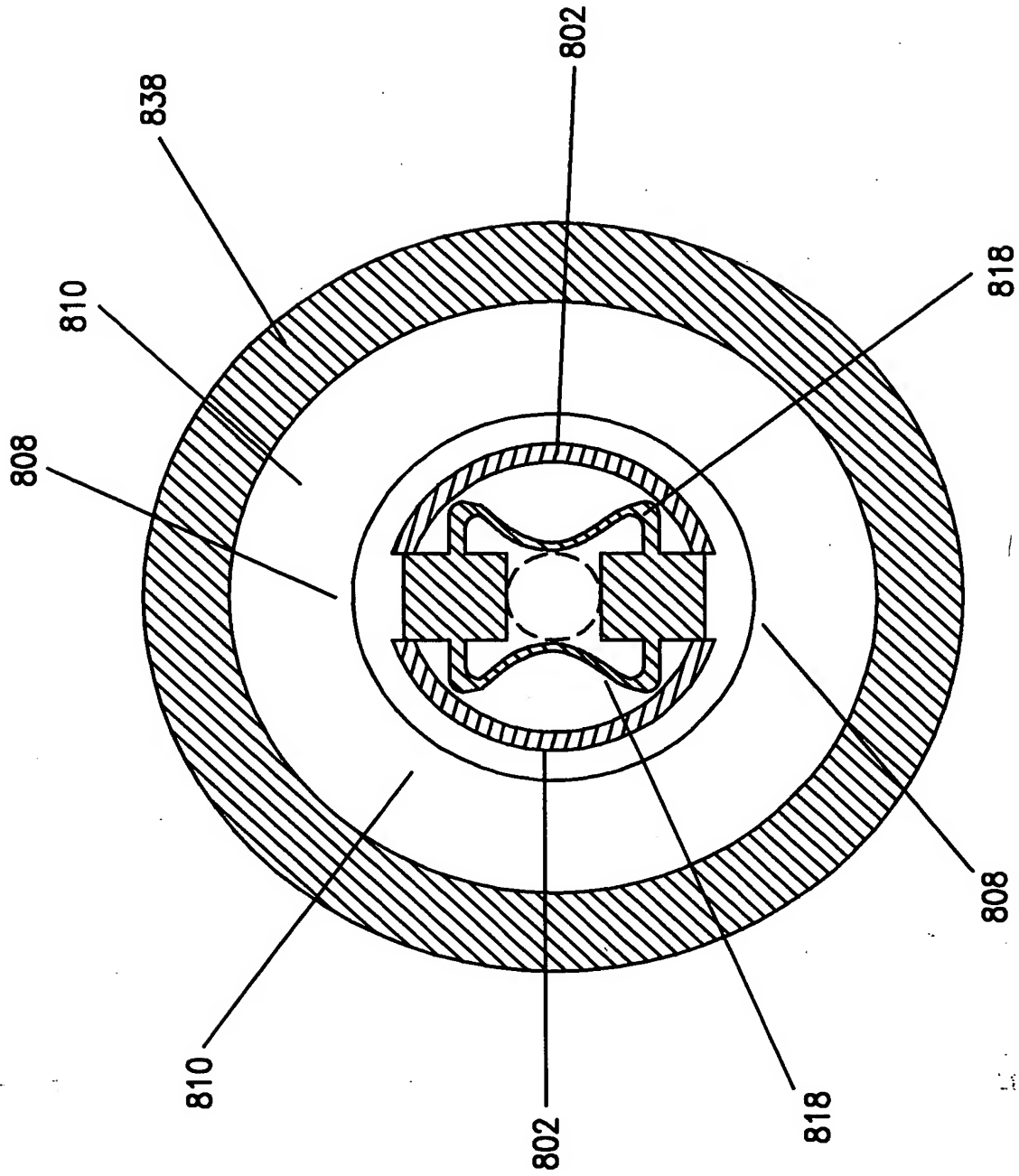


FIG. 29

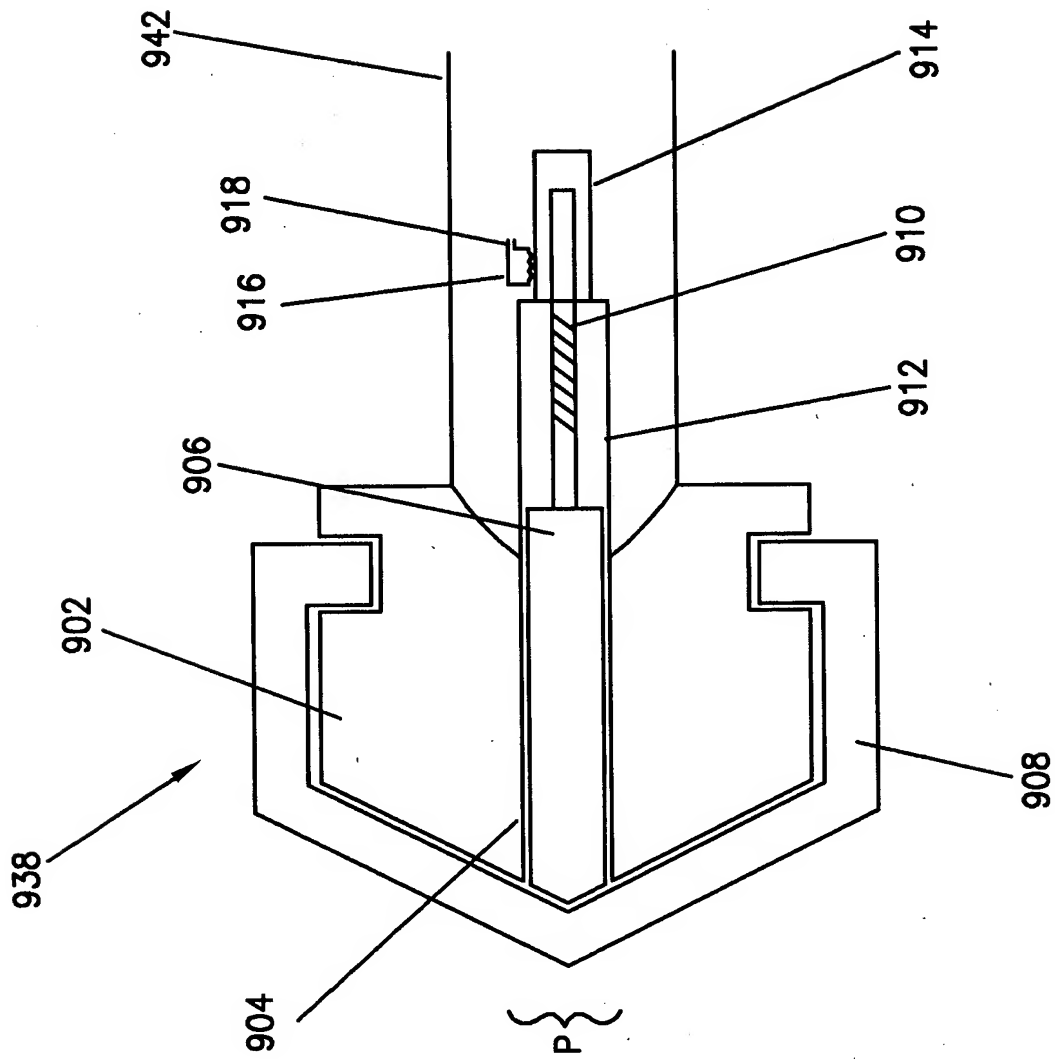


FIG. 30

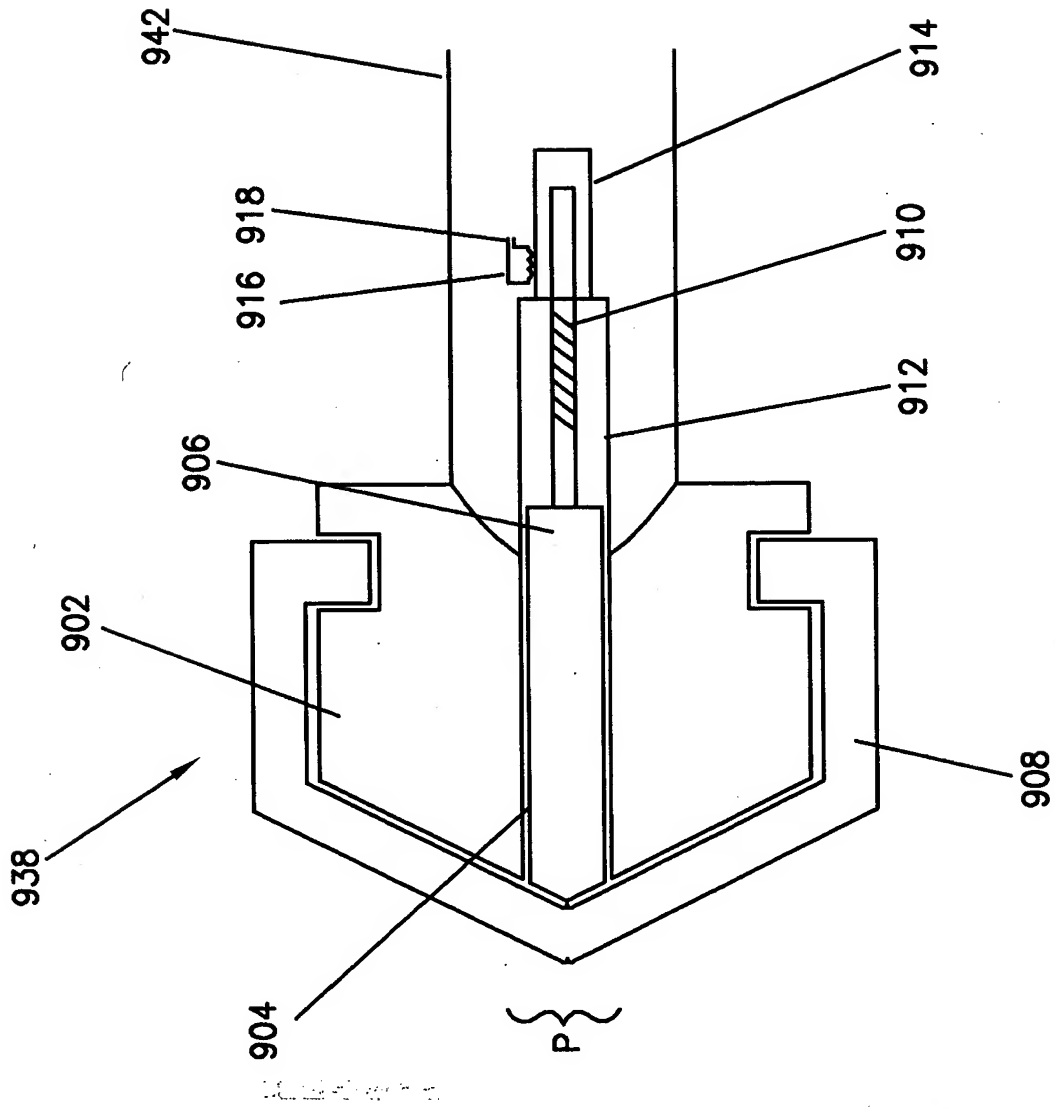


FIG. 31

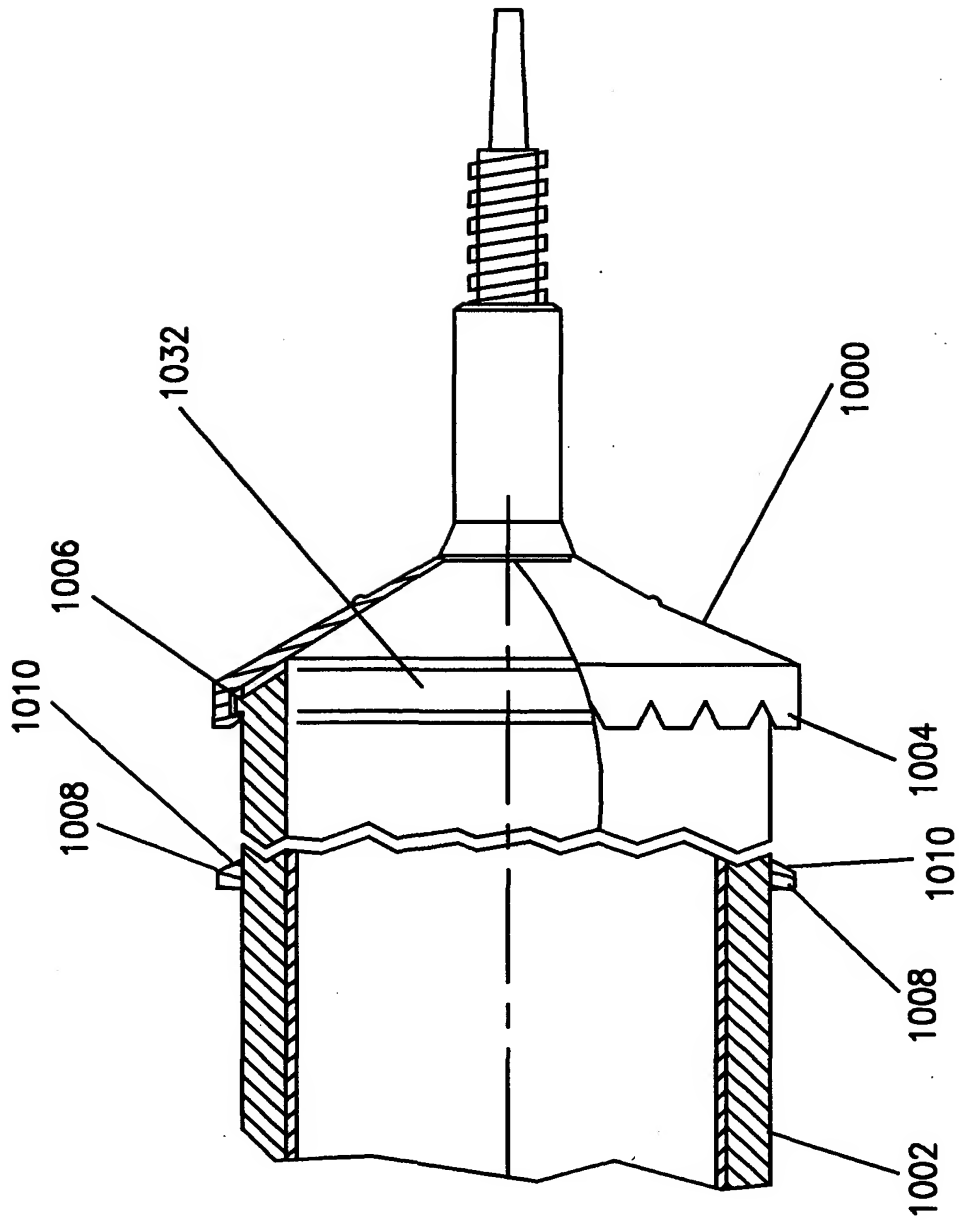


FIG. 32



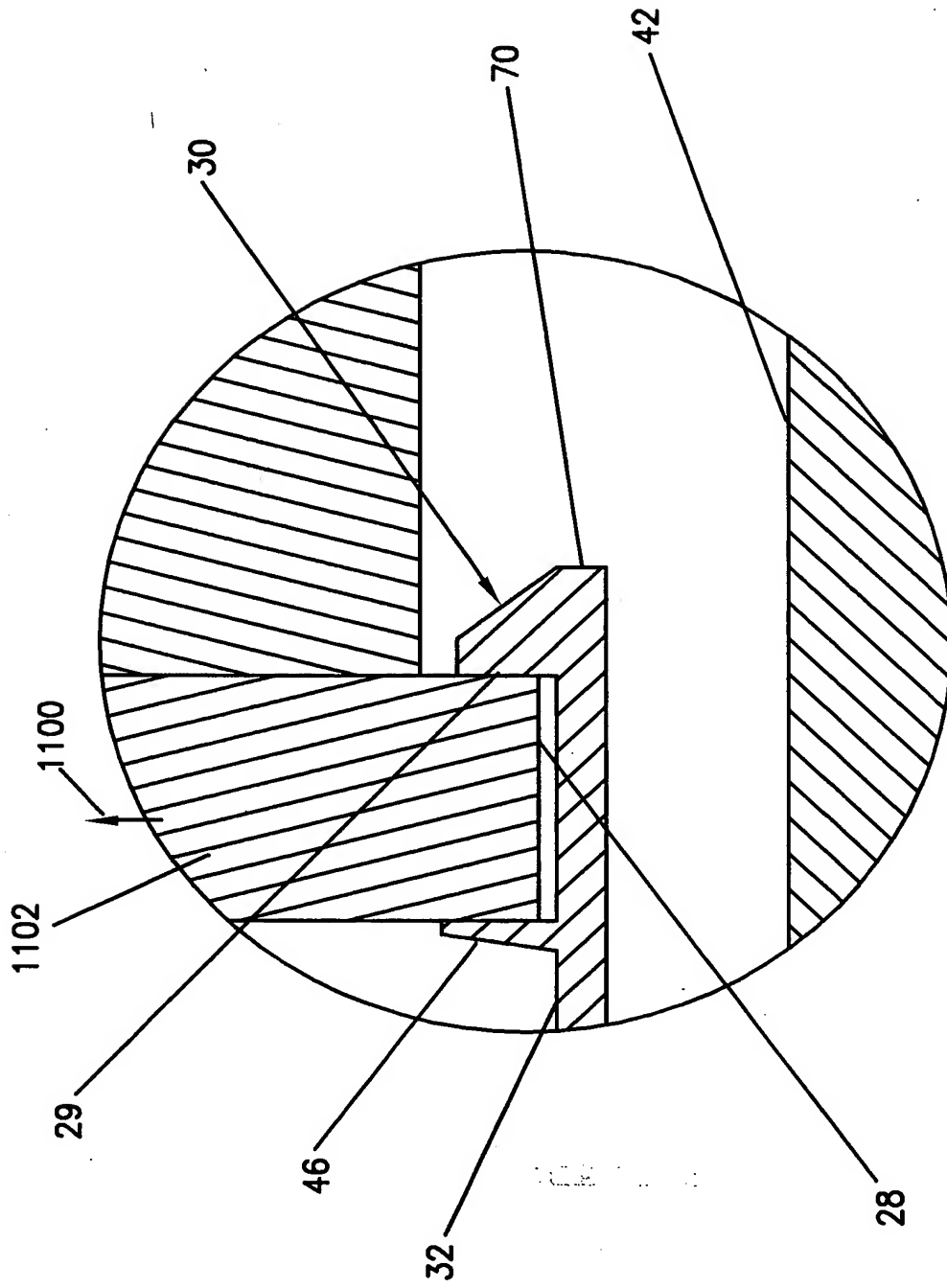


FIG. 33

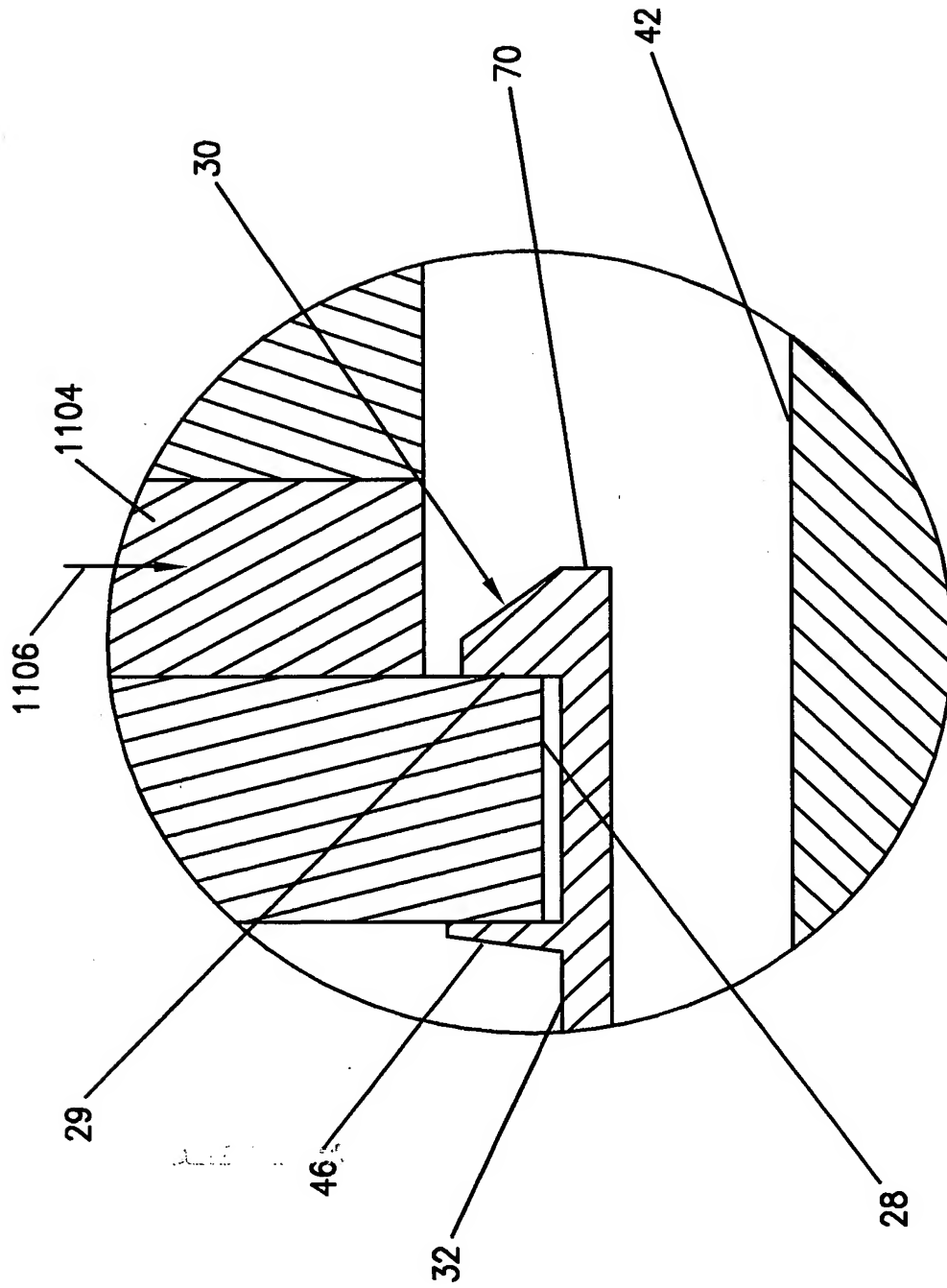


FIG. 34

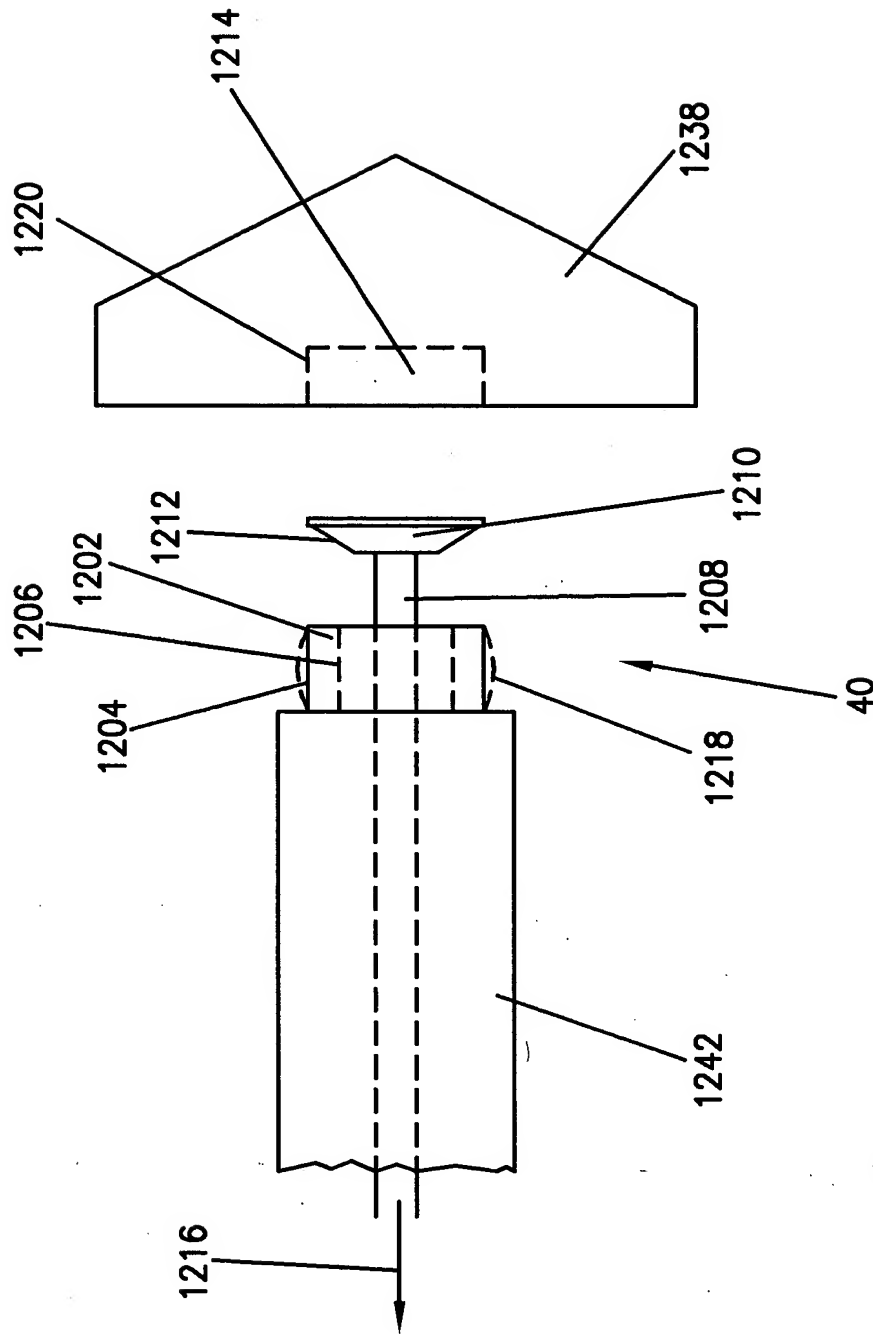


FIG. 35

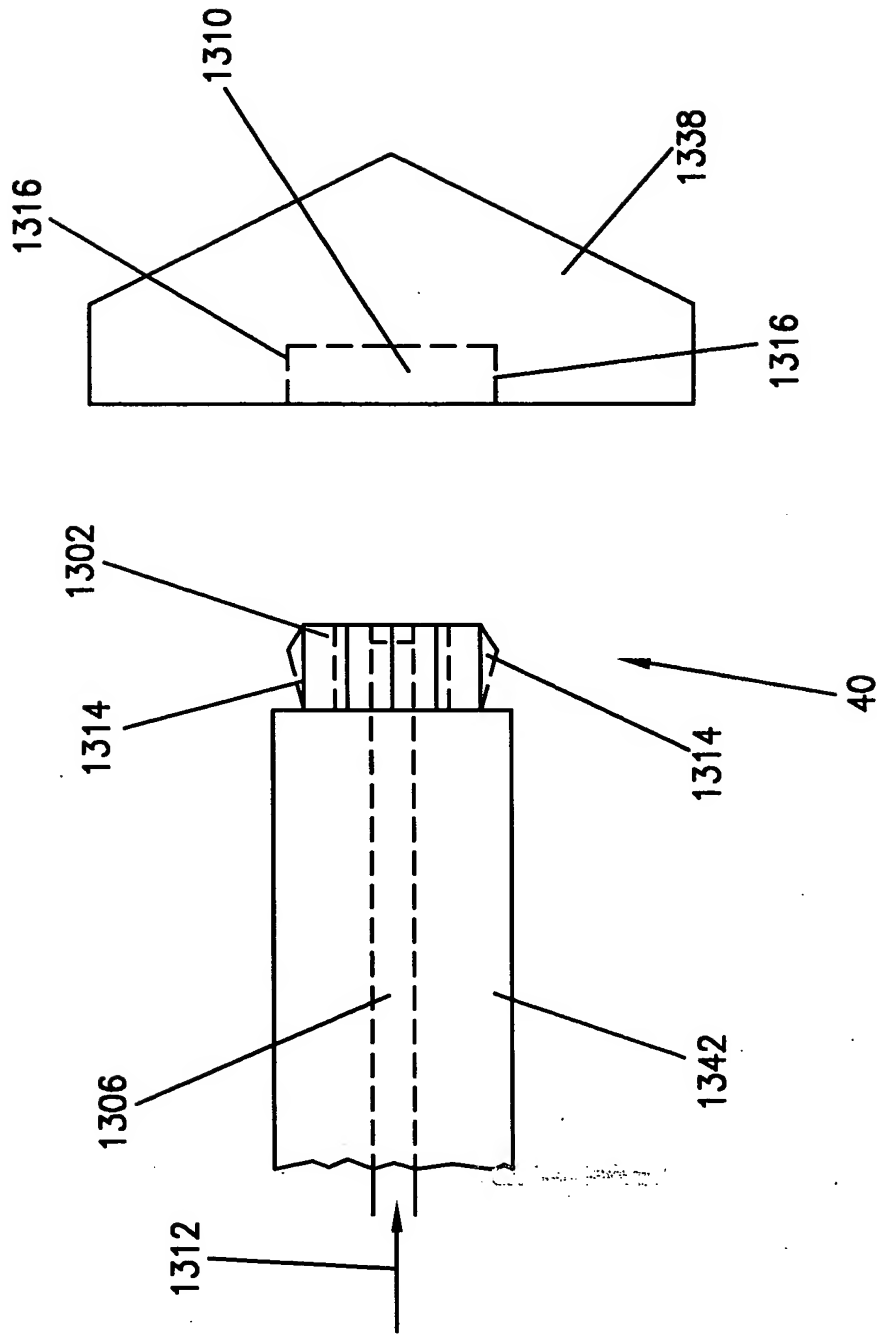


FIG. 36

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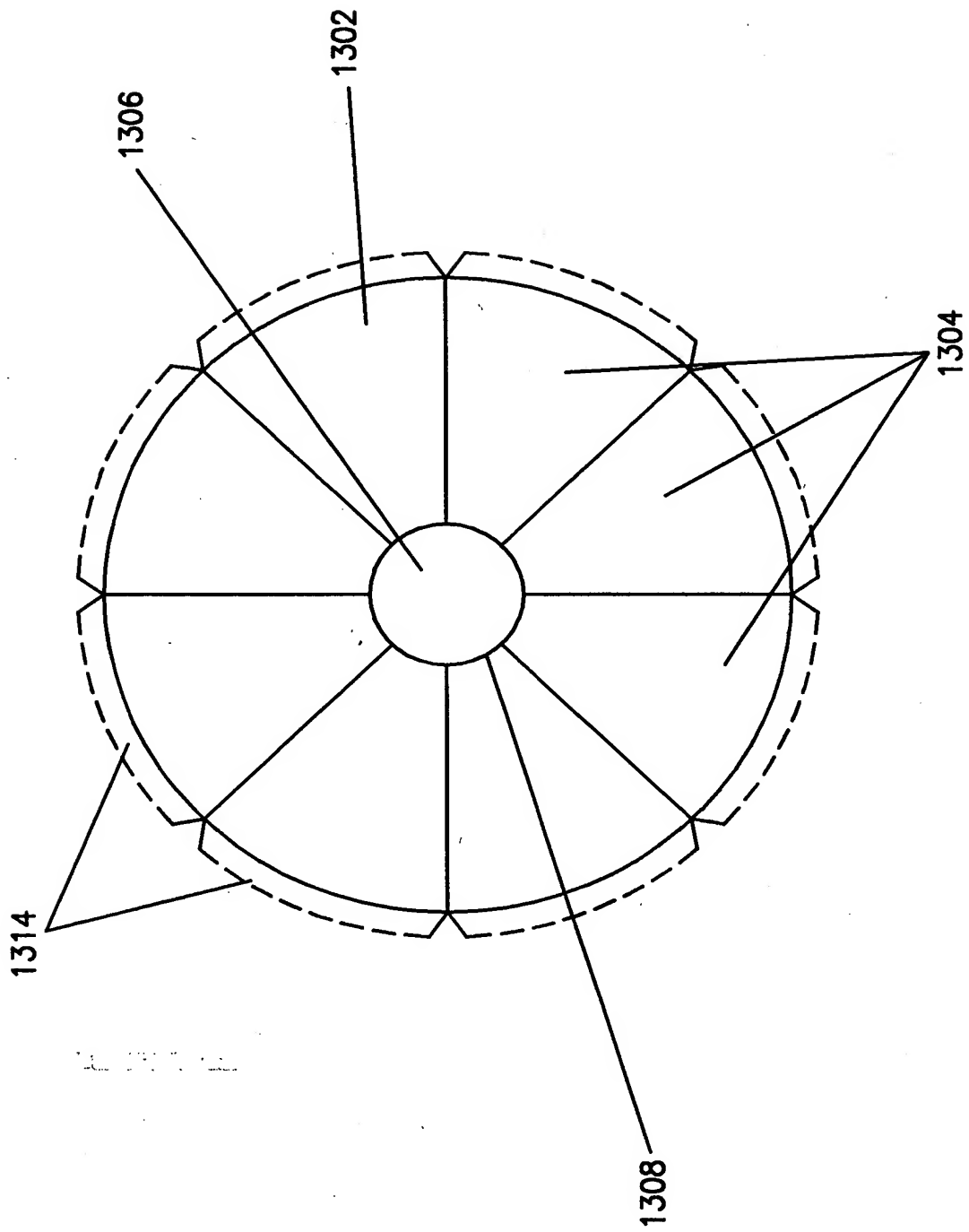


FIG. 37

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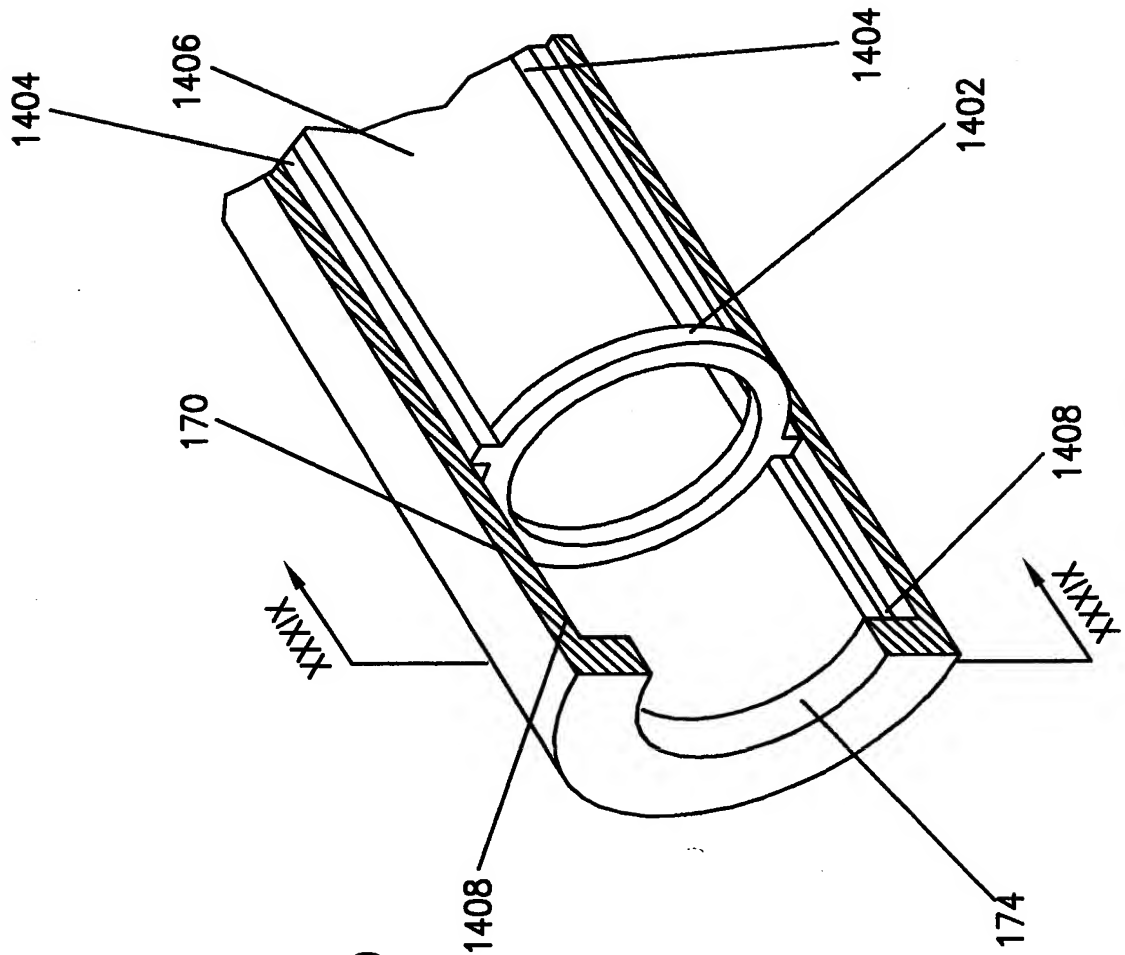


FIG. 38

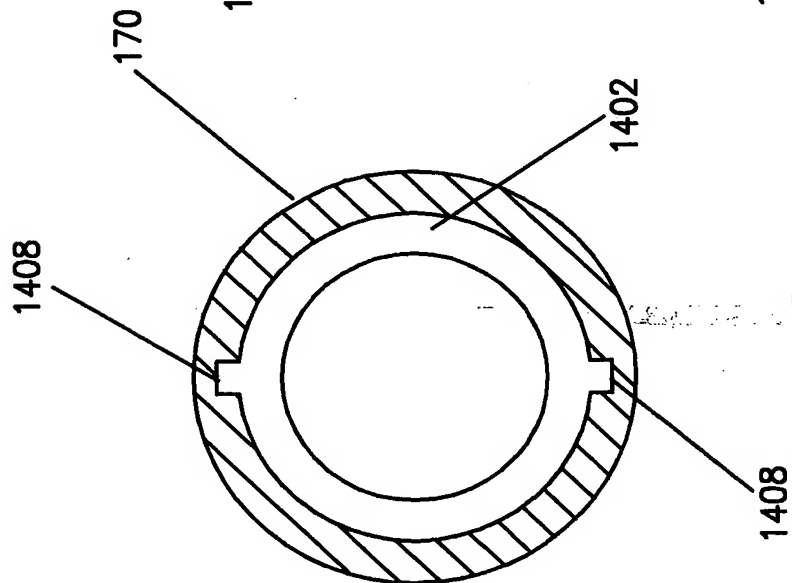


FIG. 39

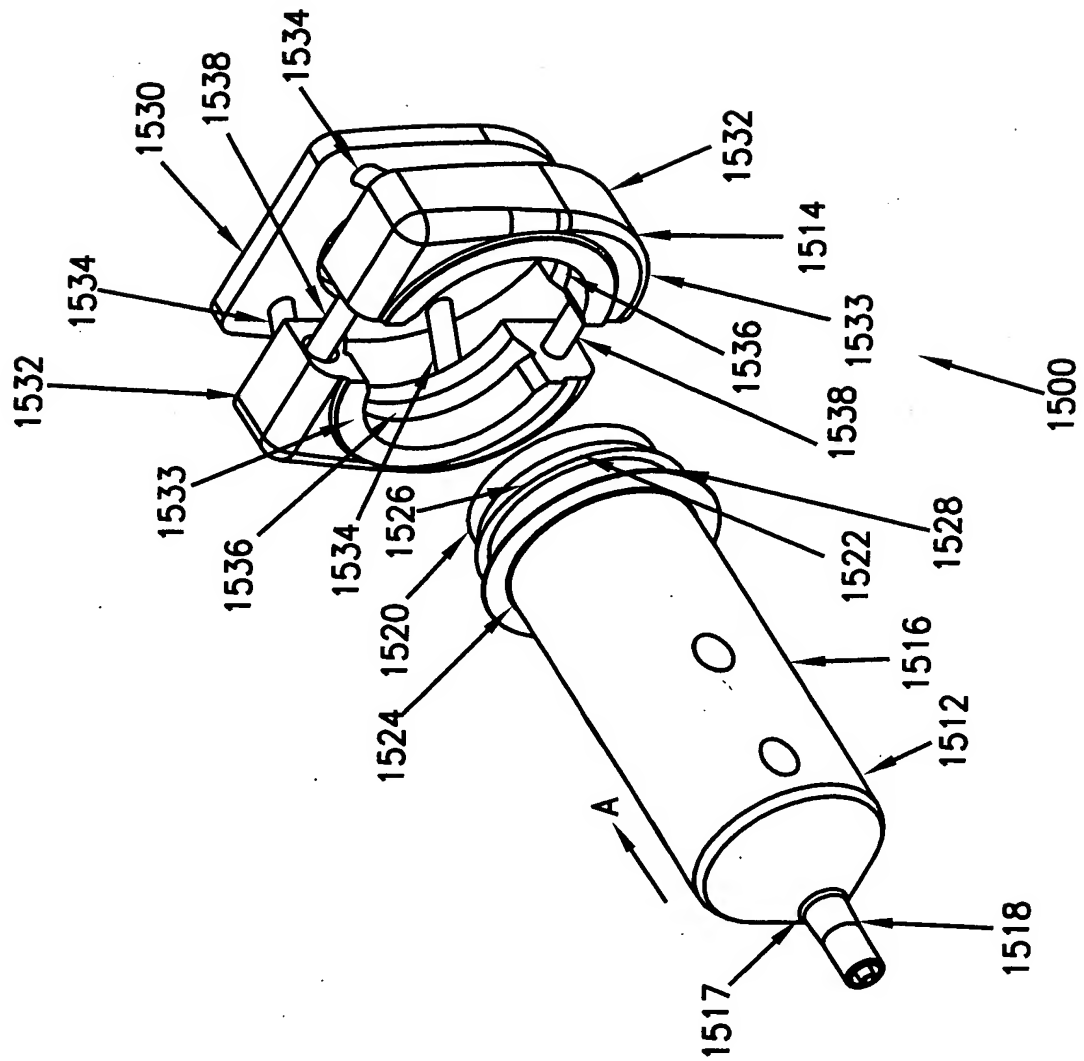


FIG. 40A

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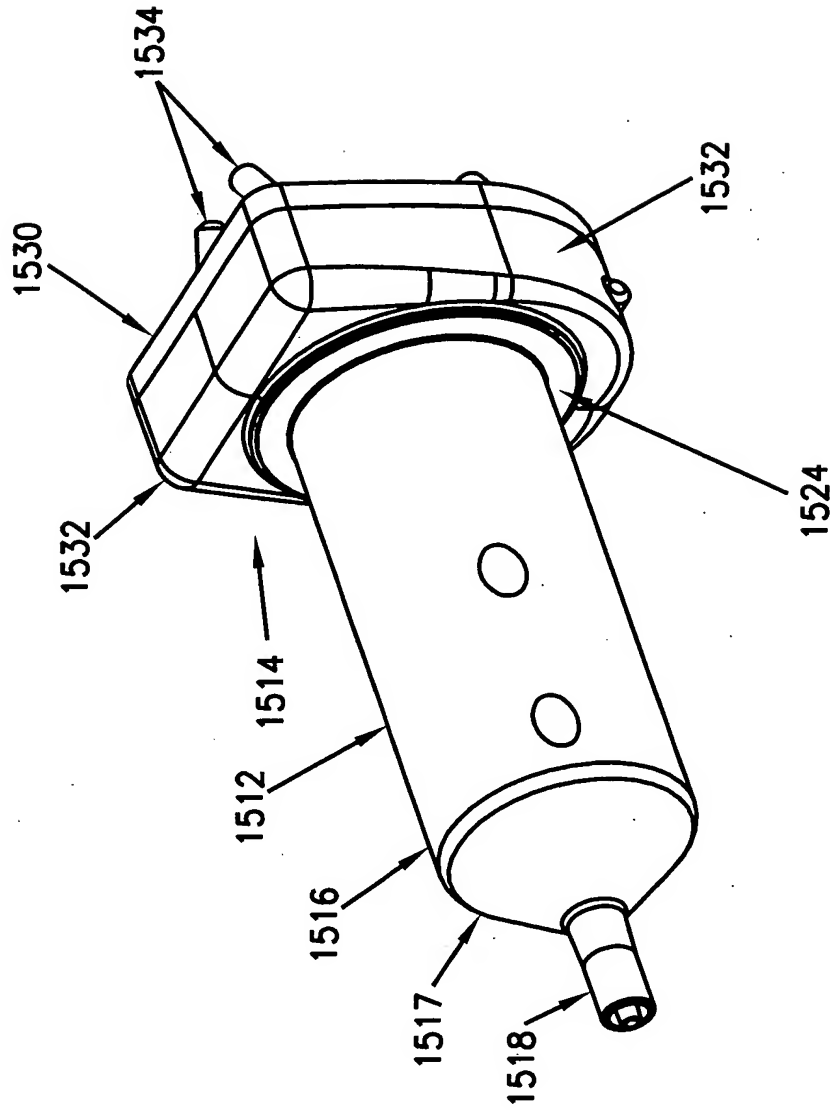
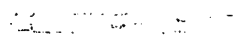


FIG. 40B





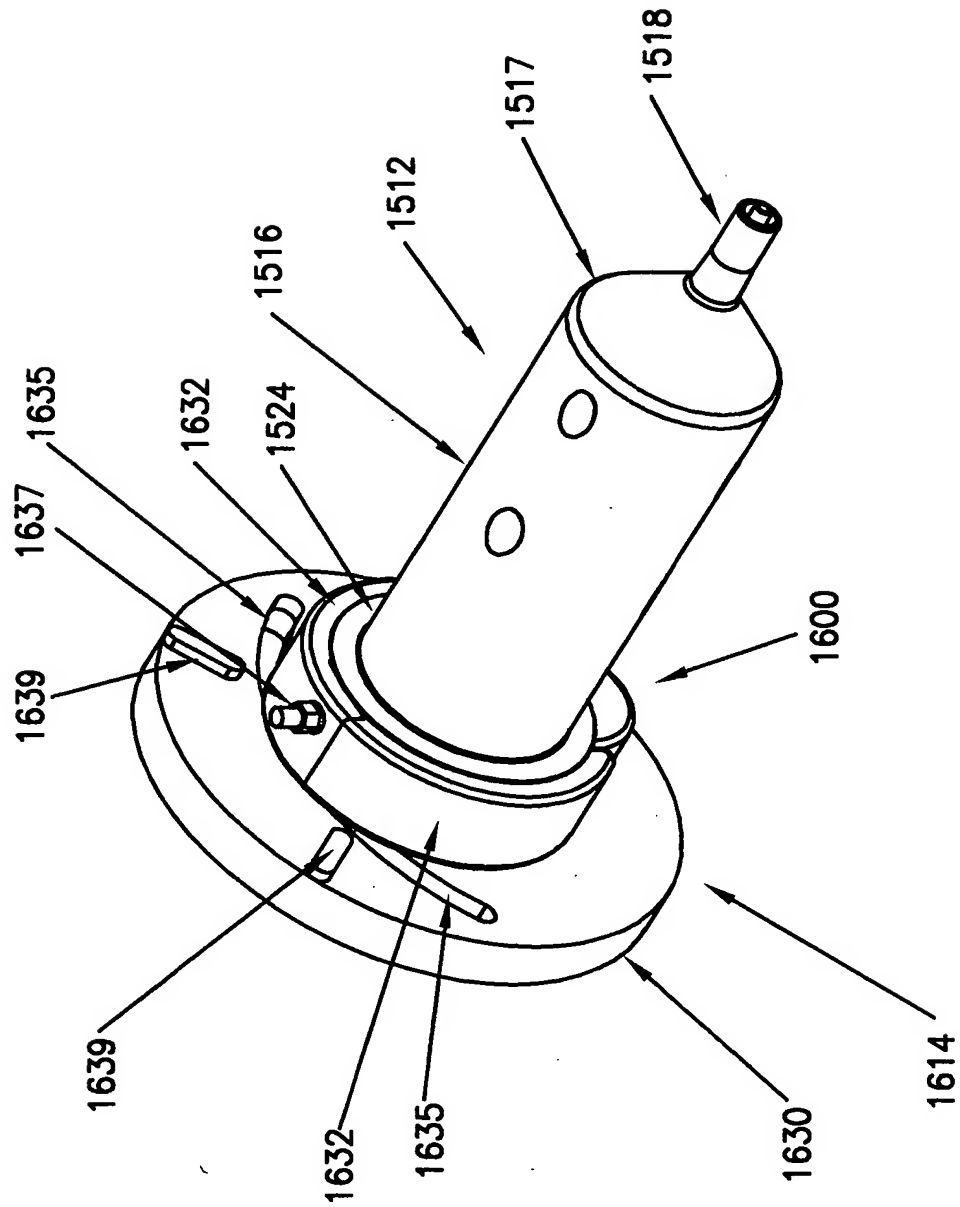


FIG. 41A

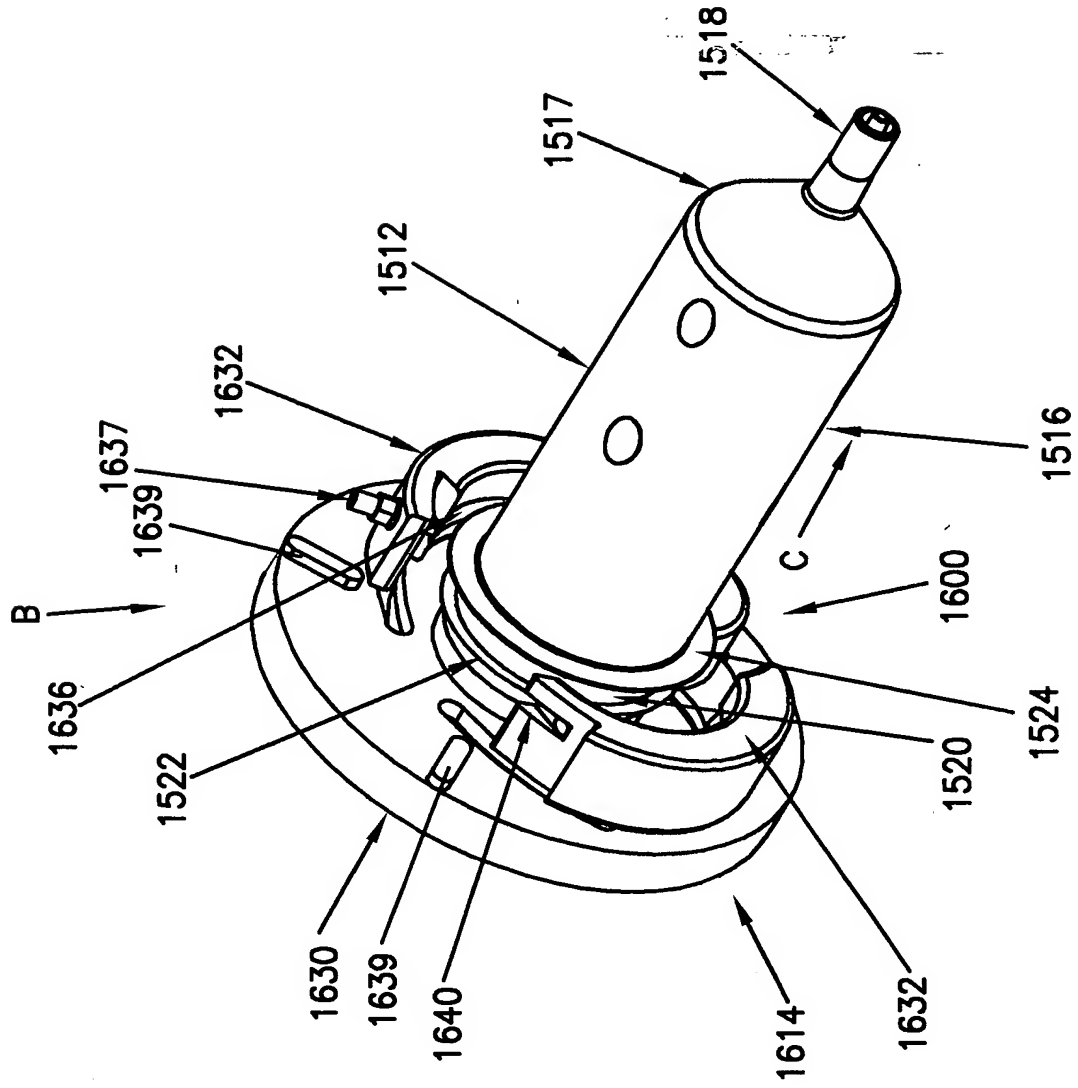


FIG. 41B

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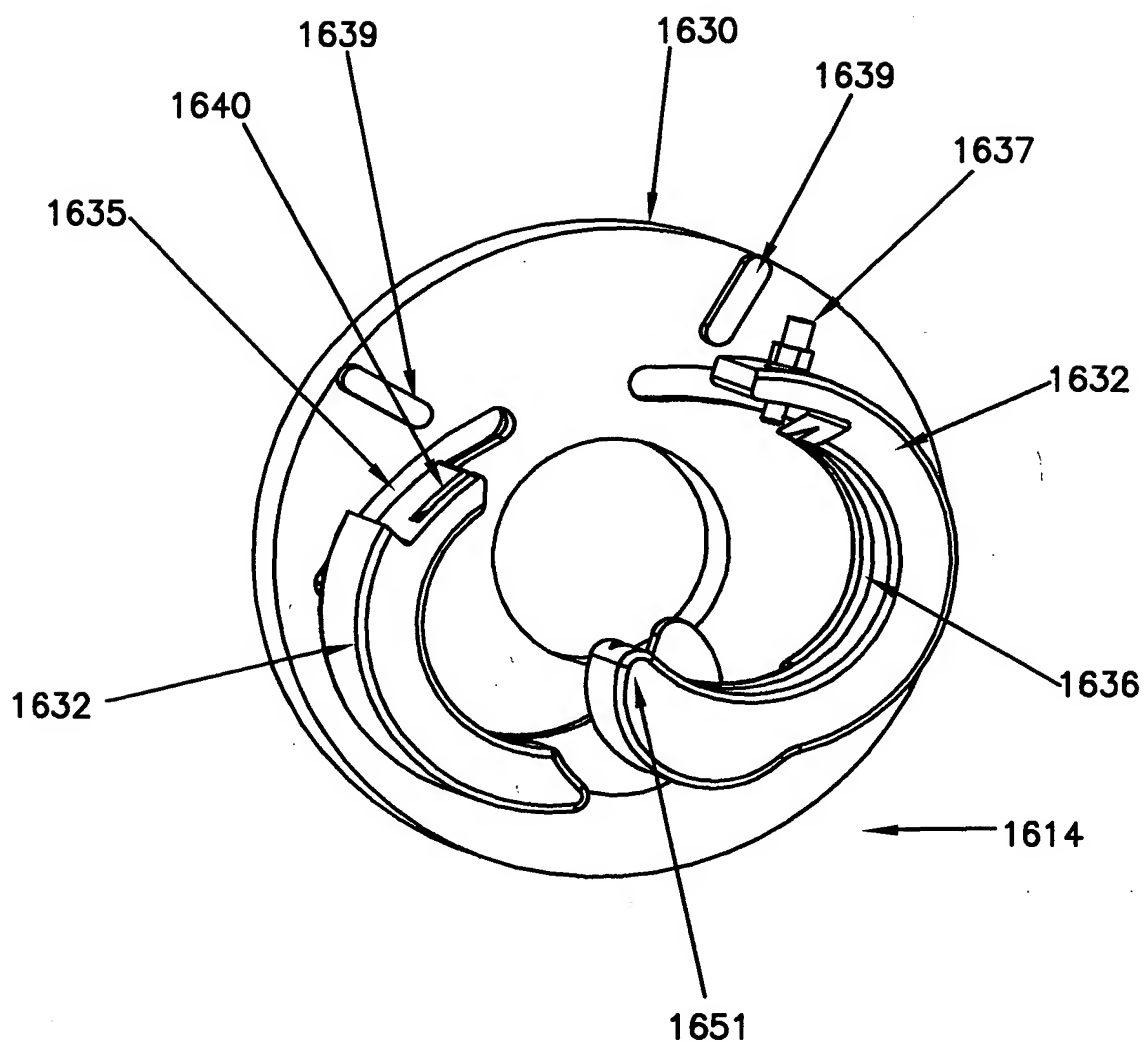


FIG. 41C

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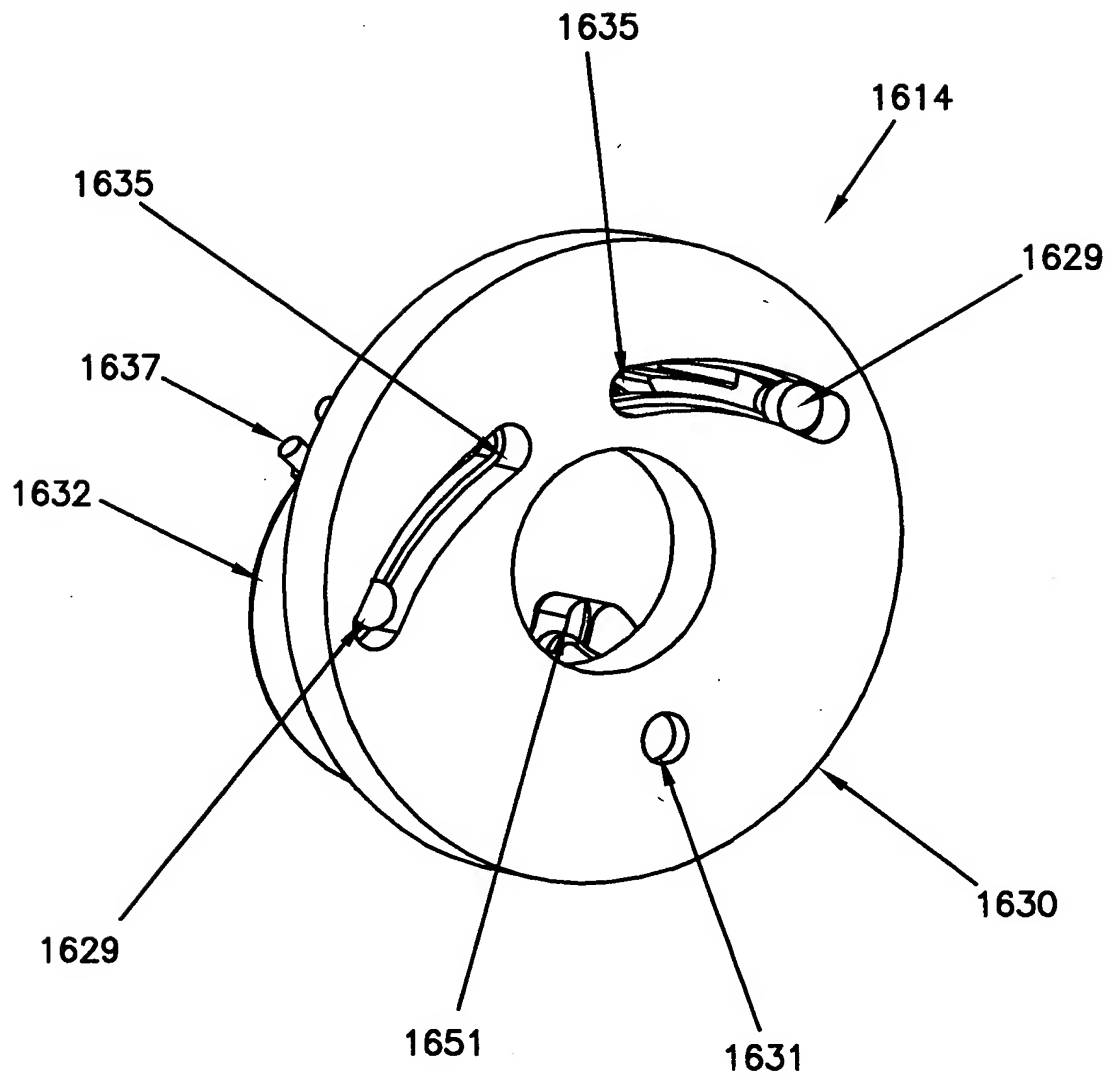


FIG. 41D

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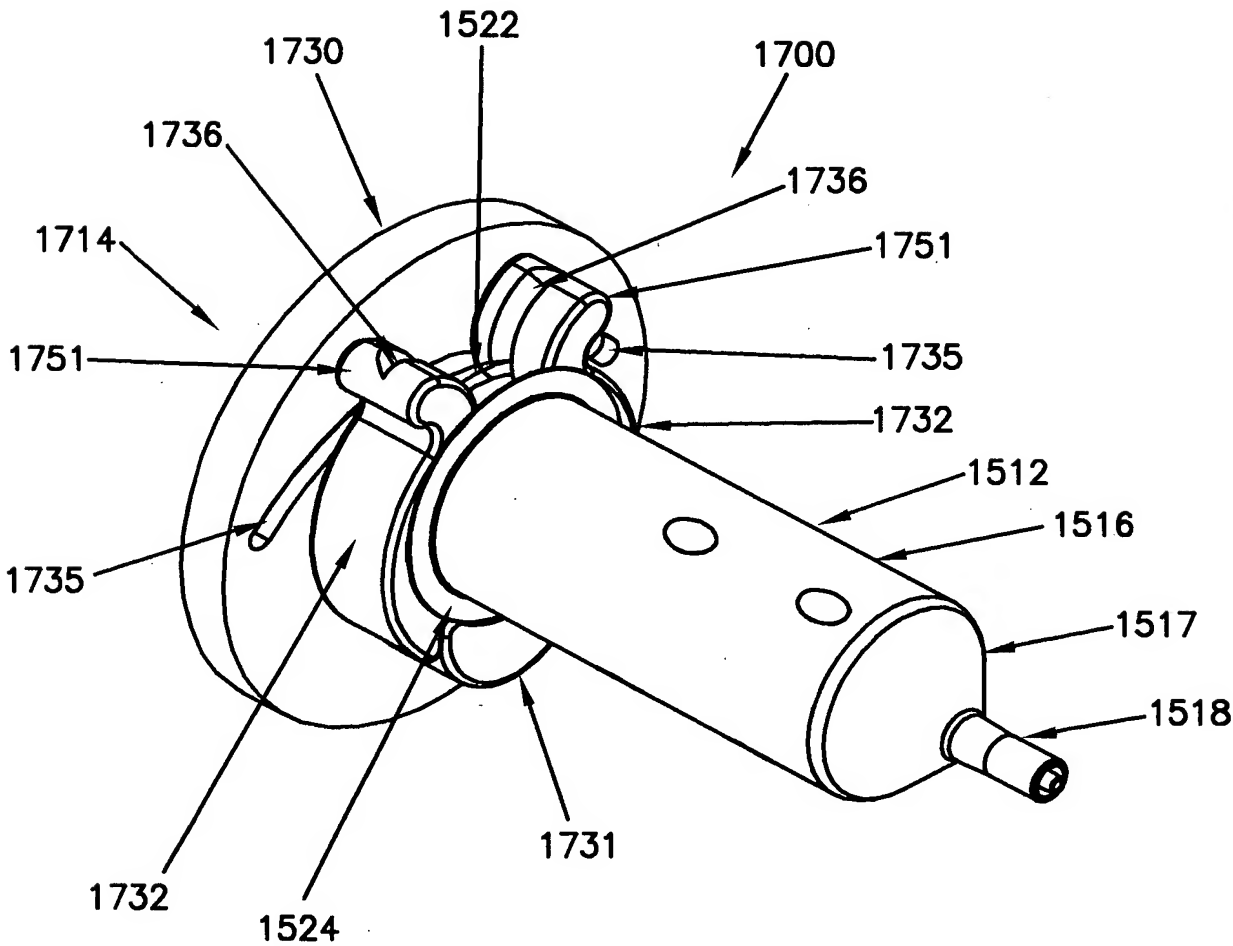


FIG. 42A

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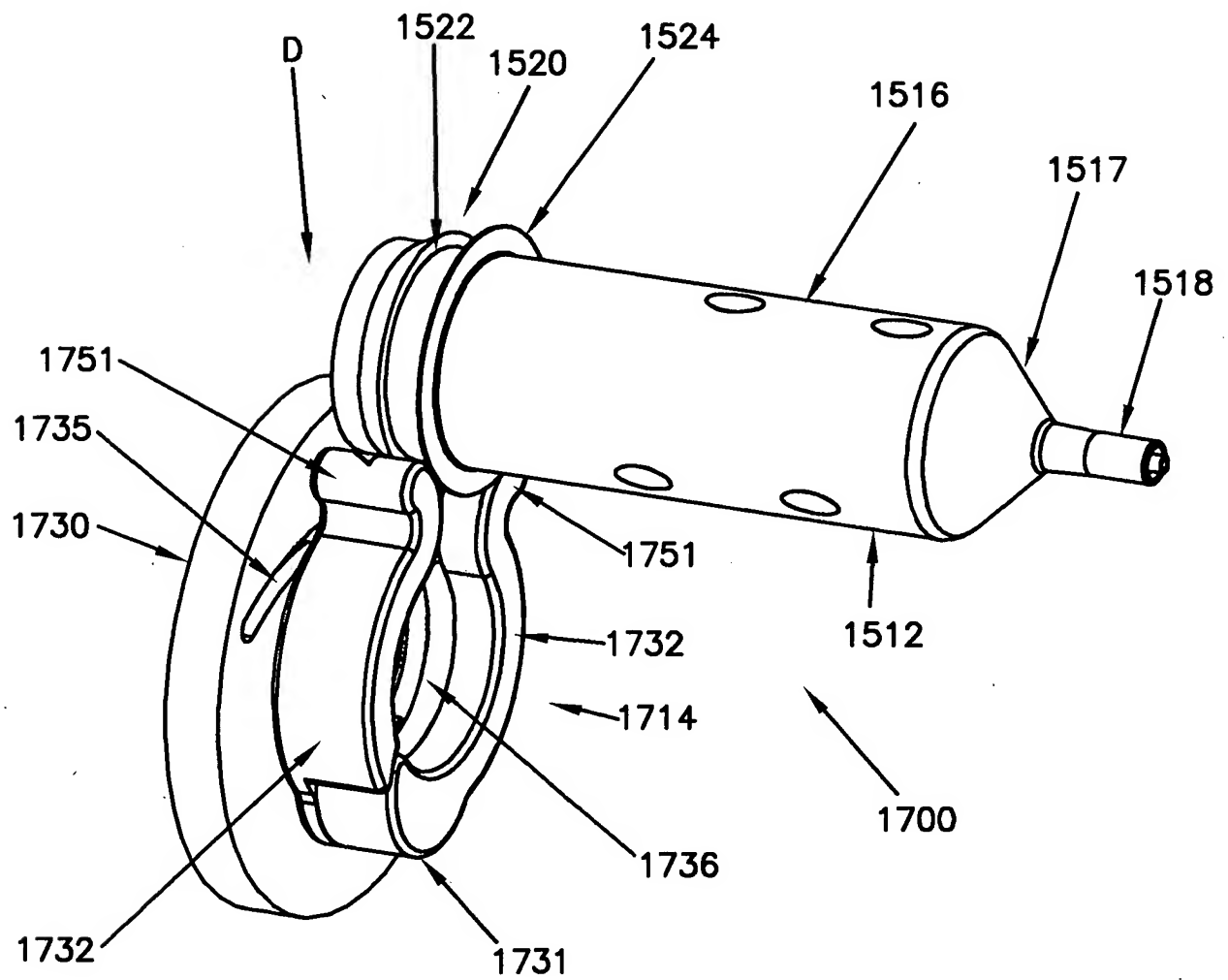


FIG. 42B

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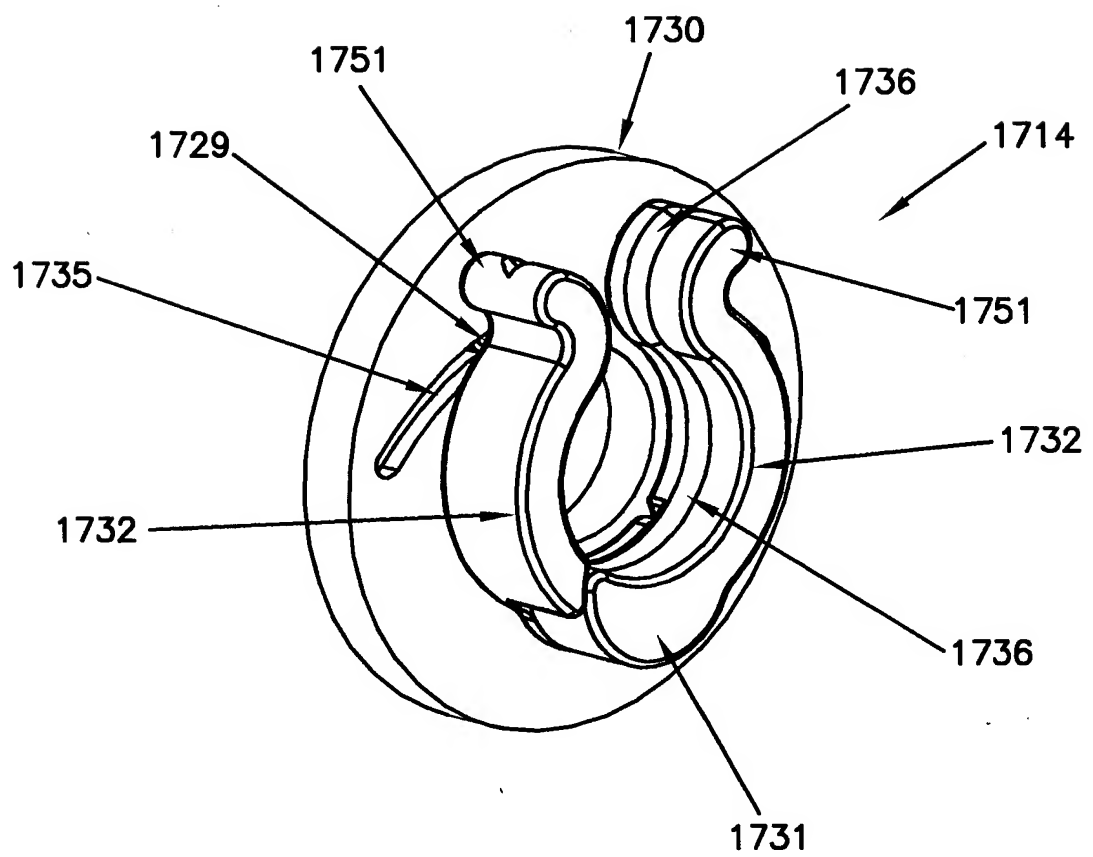


FIG. 42C



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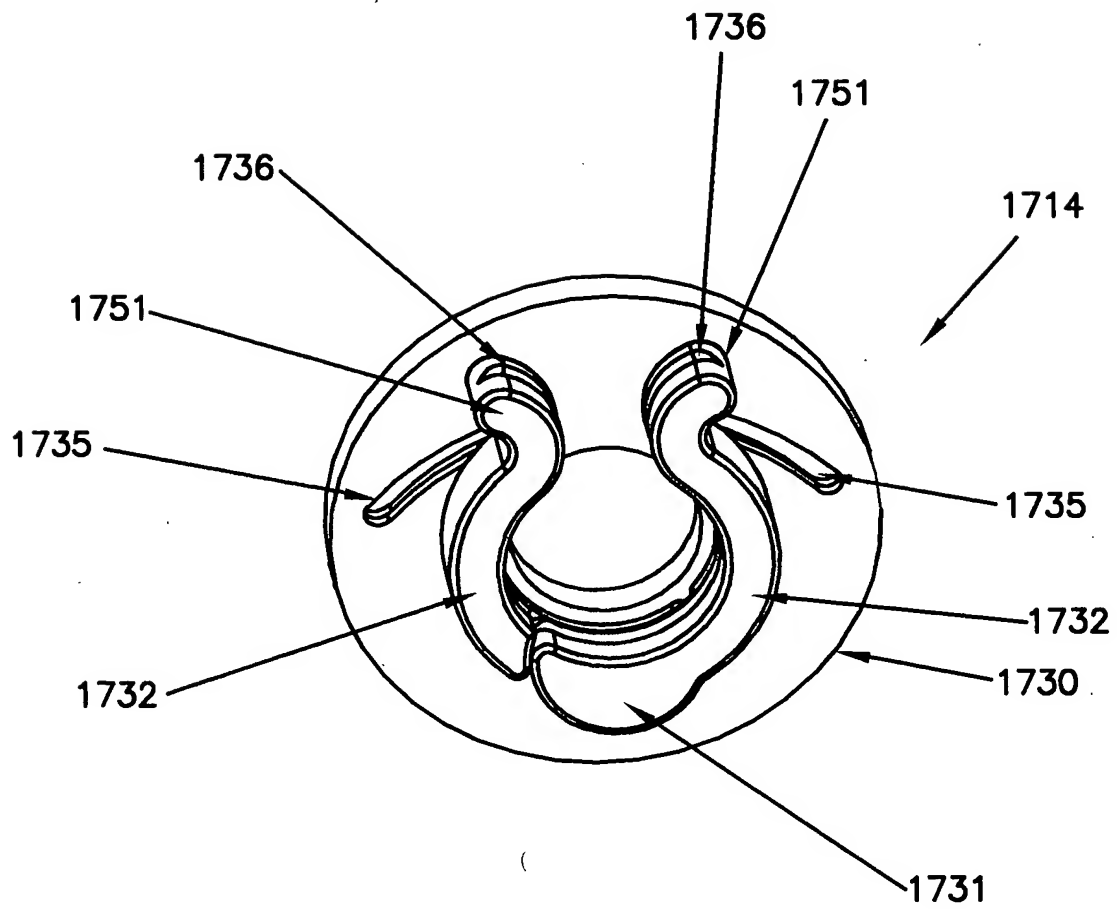


FIG. 42D

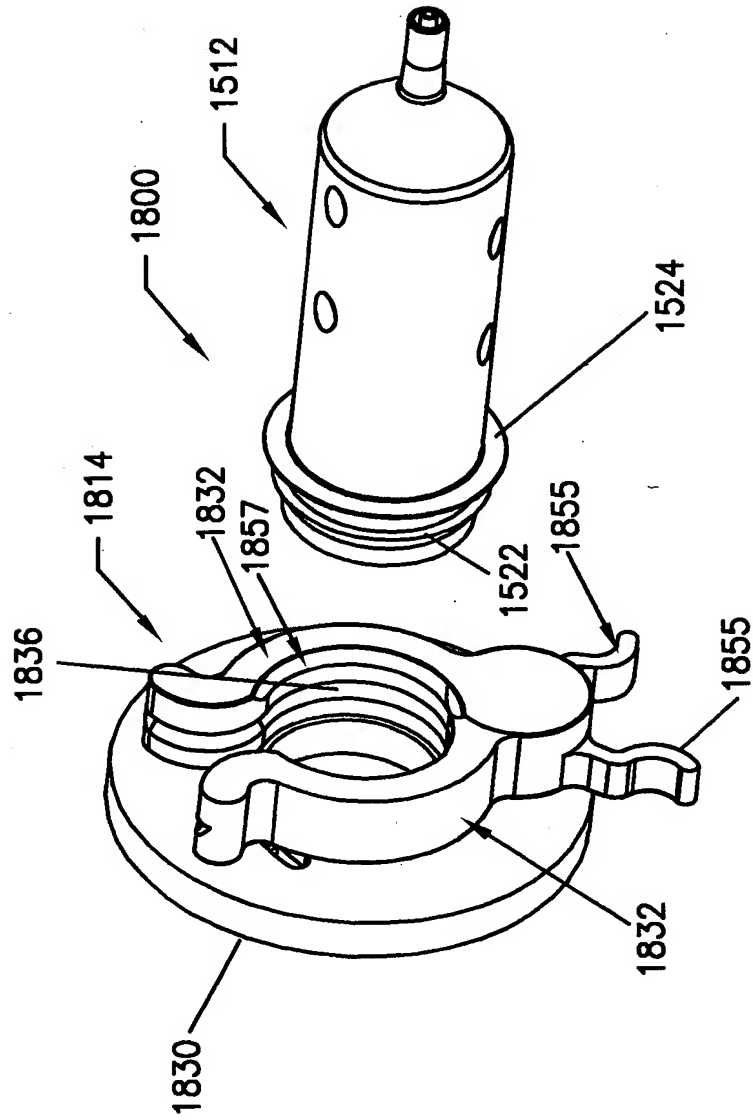


FIG. 43A

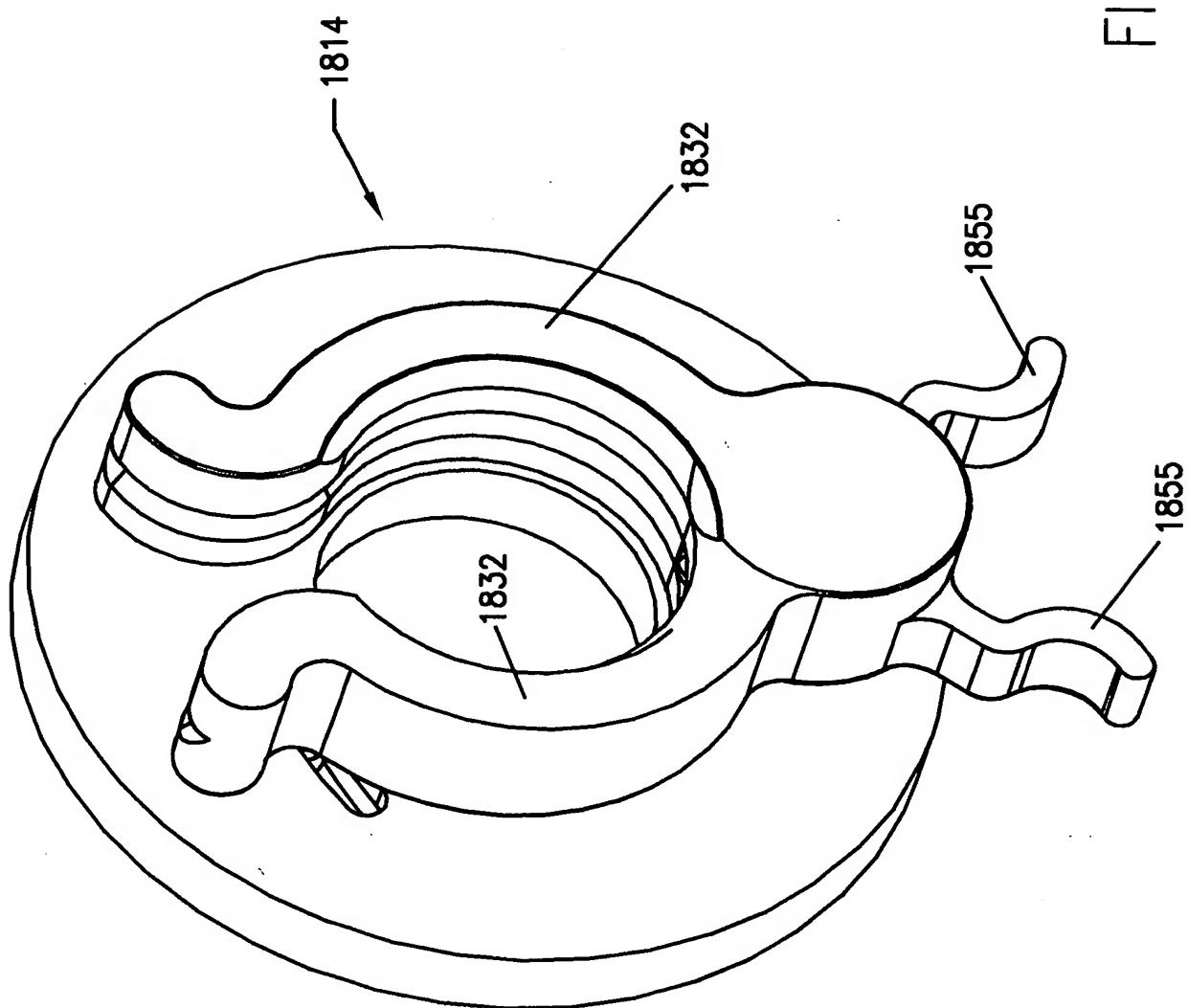


FIG. 43B

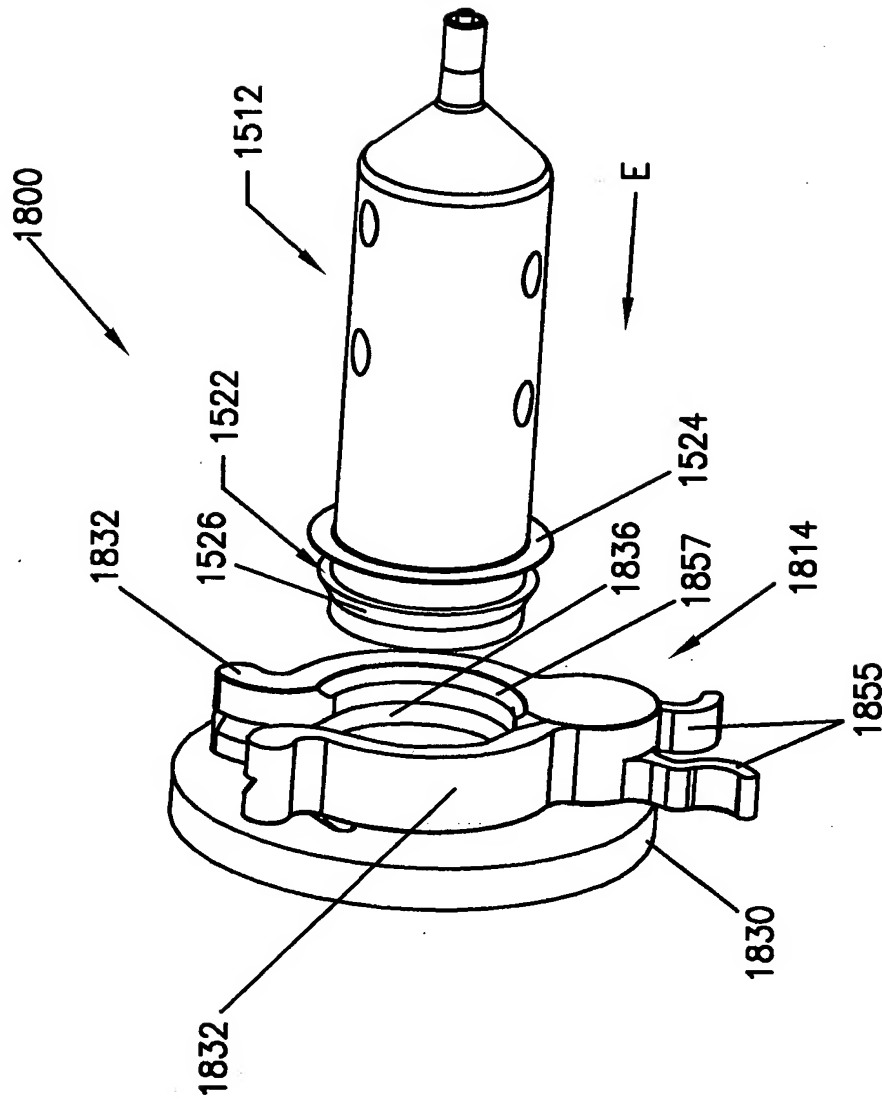


FIG. 43C

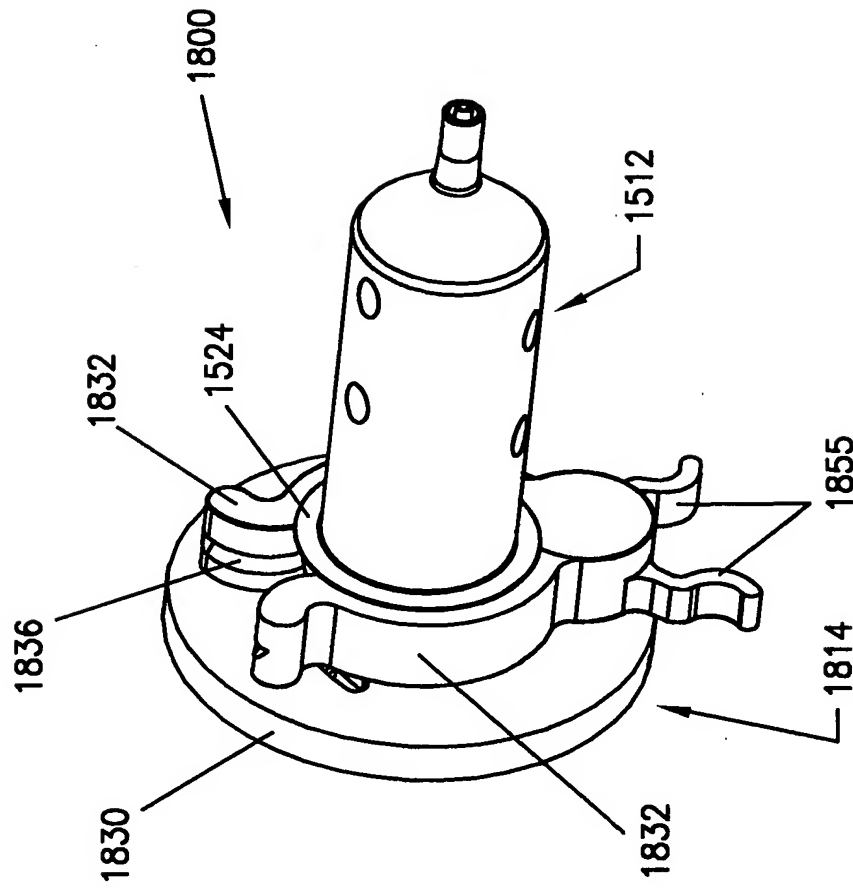


FIG. 43D

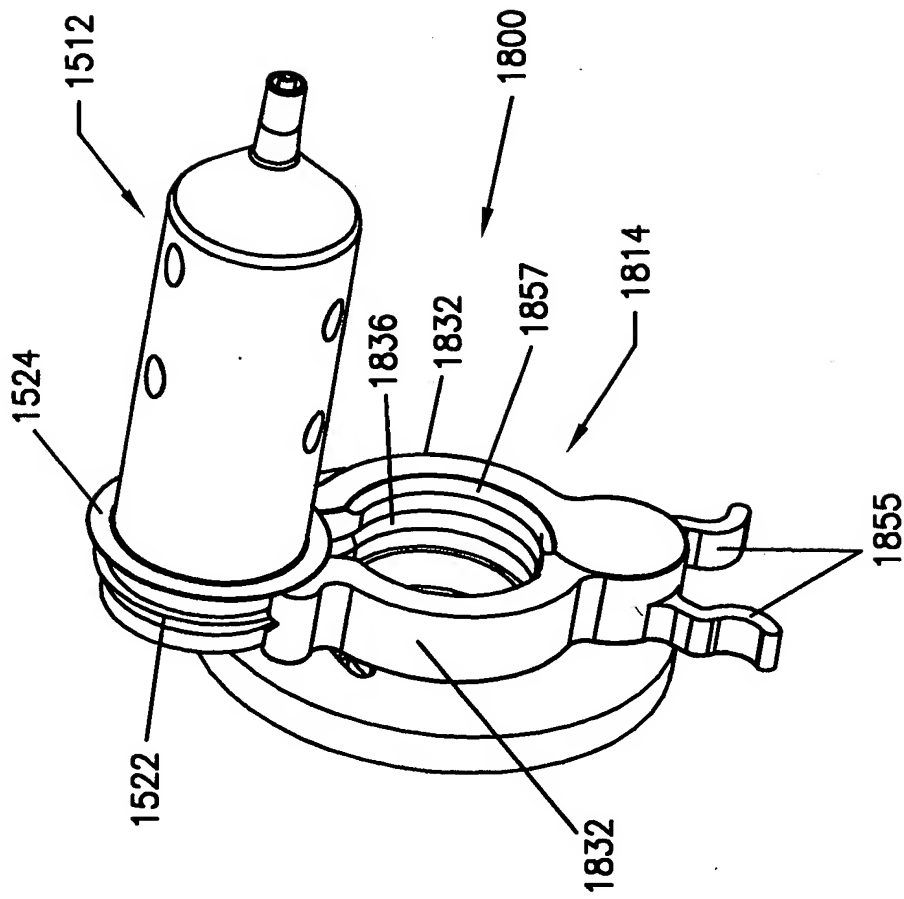


FIG. 43E

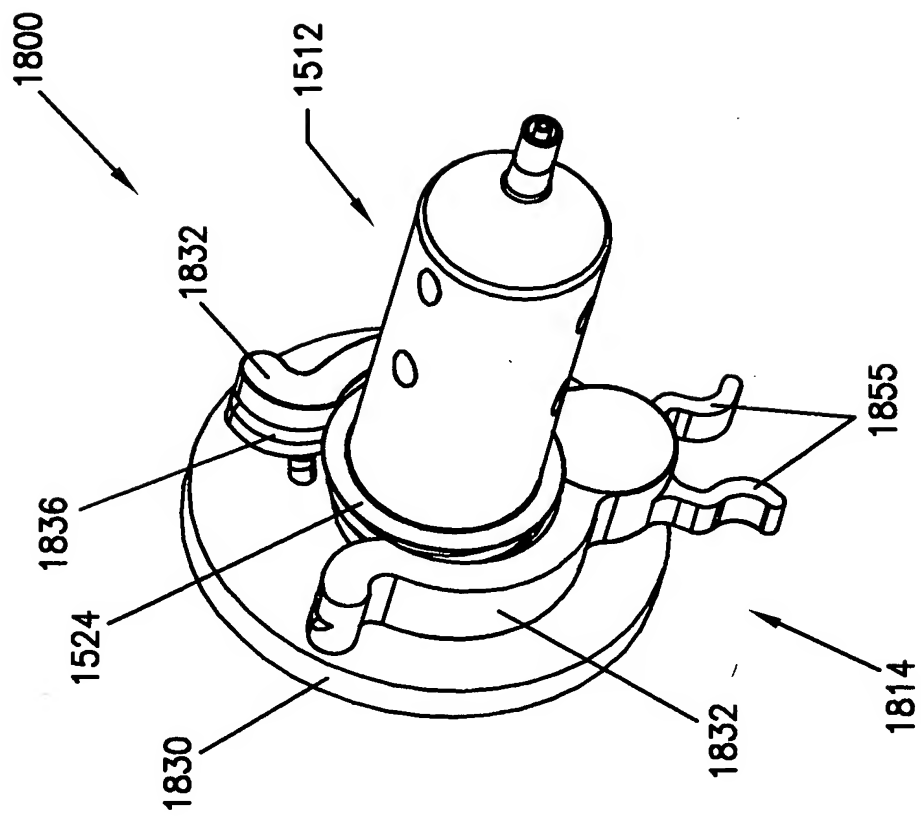


FIG. 43F

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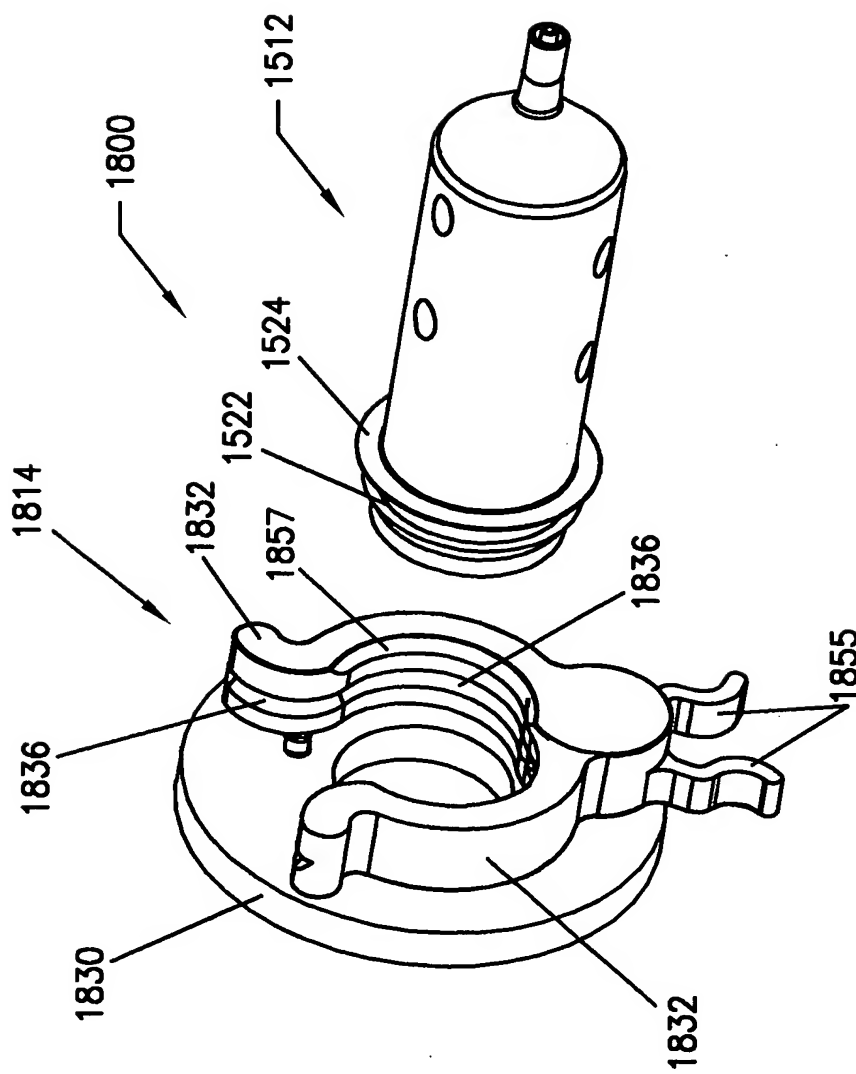


FIG. 43G



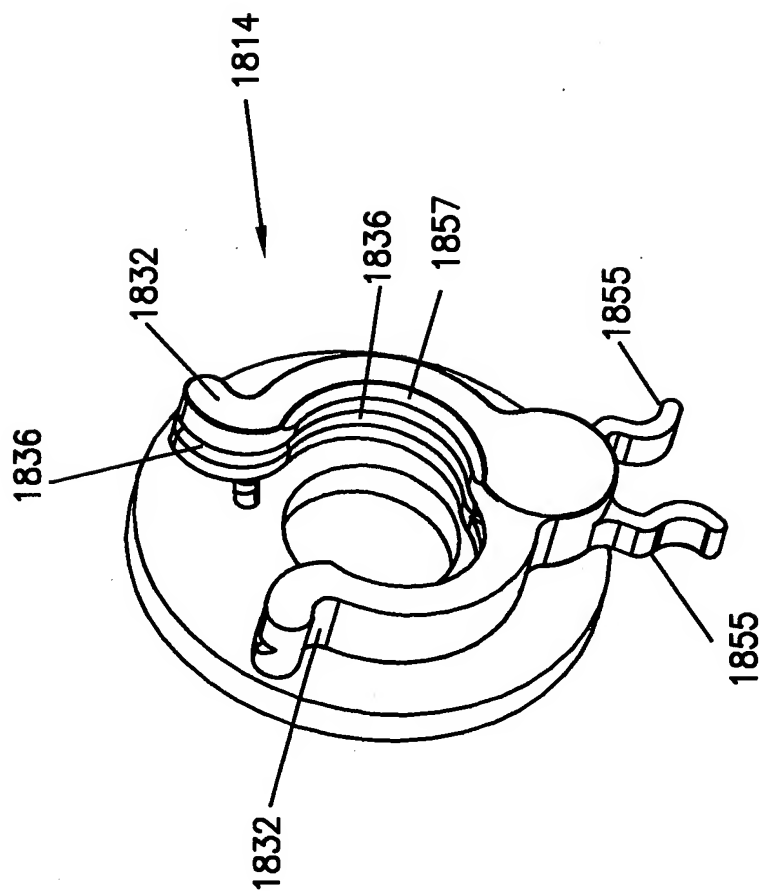


FIG. 43H

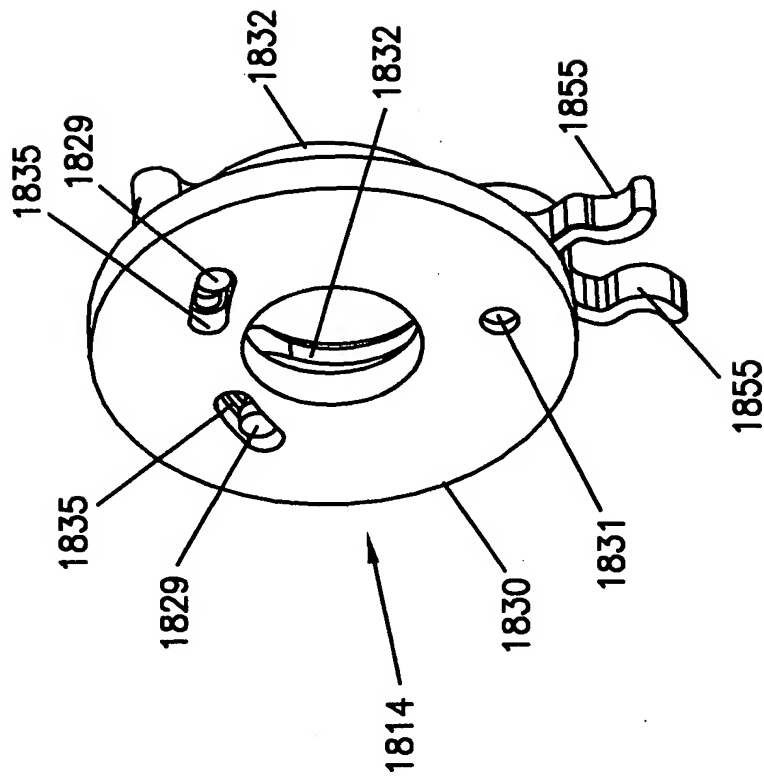


FIG. 43I

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terminal

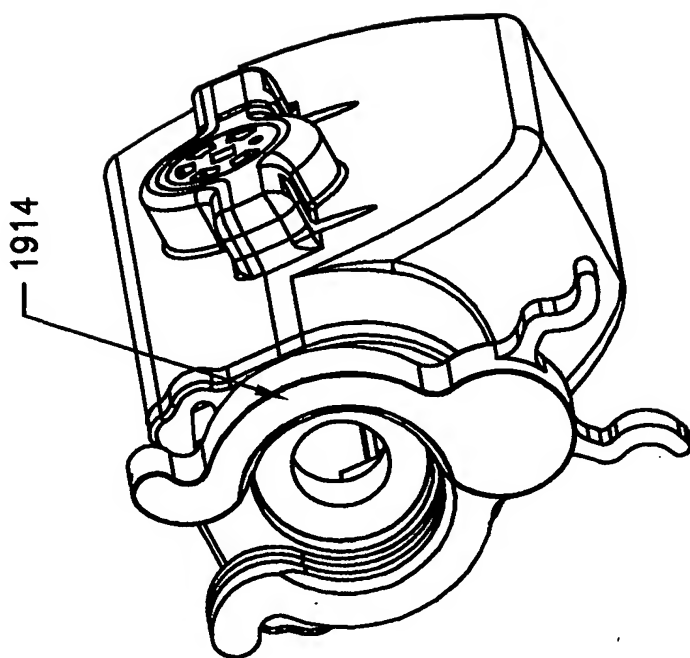


FIG. 44A

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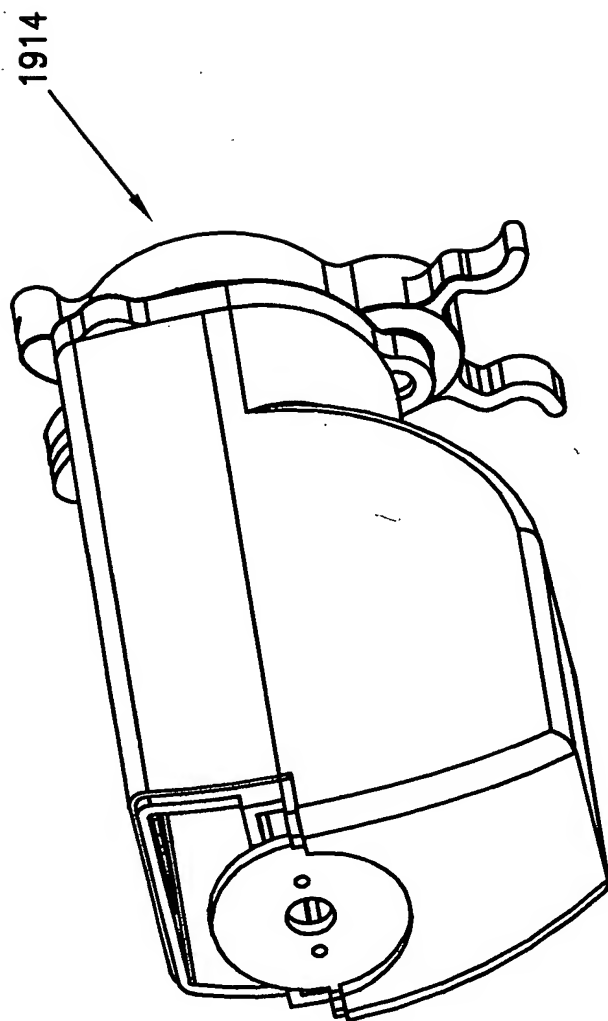


FIG. 44B

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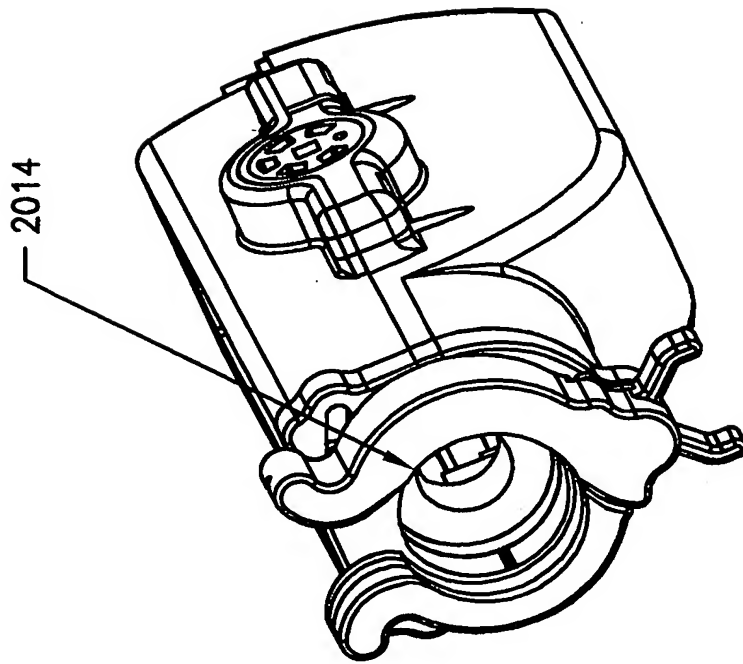


FIG. 45A

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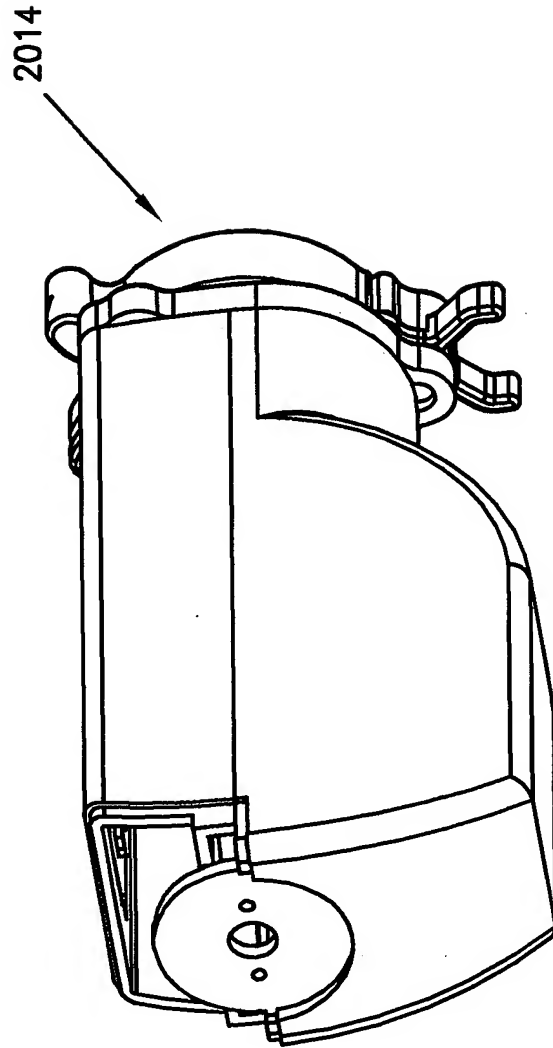


FIG. 45B

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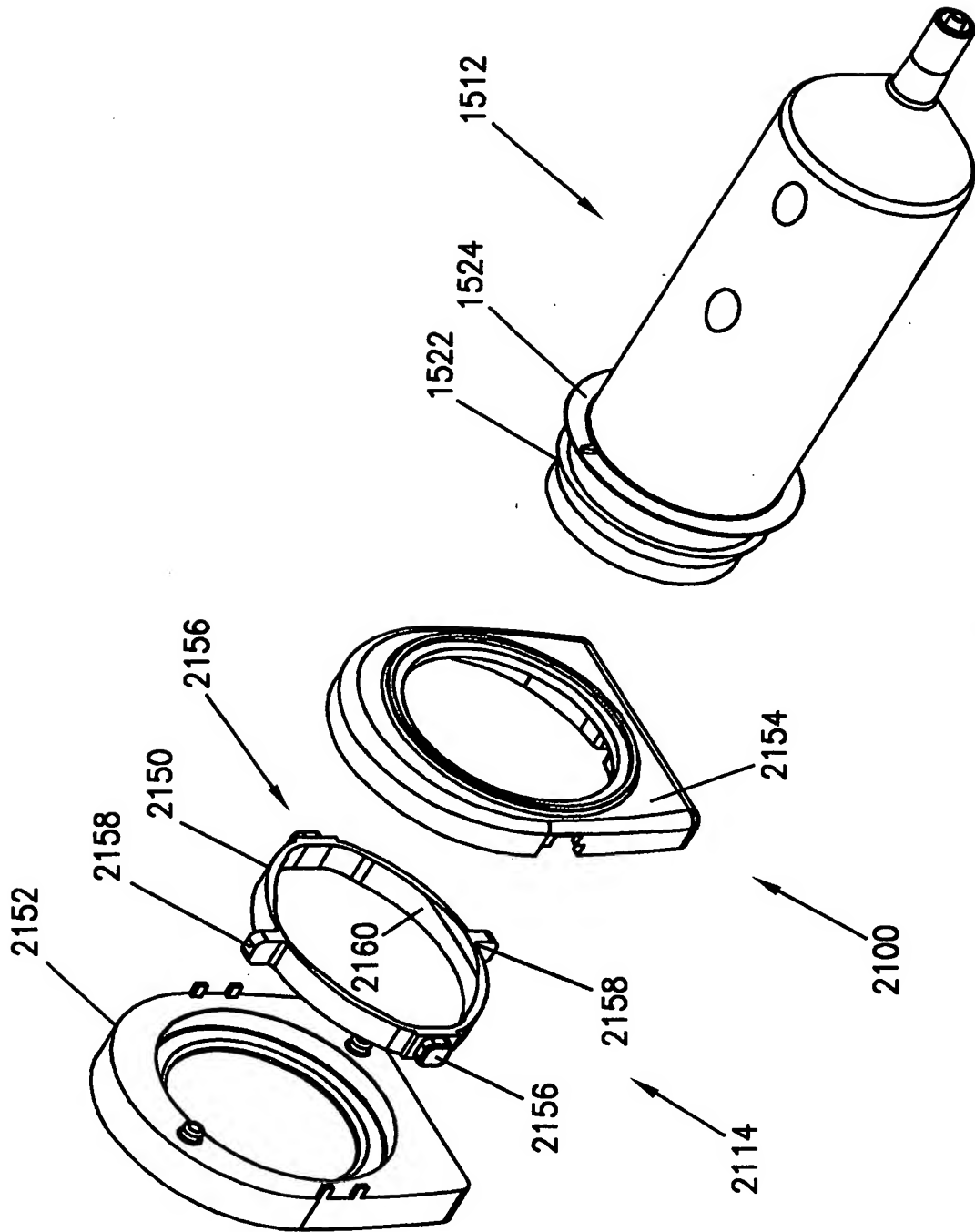


FIG. 46A

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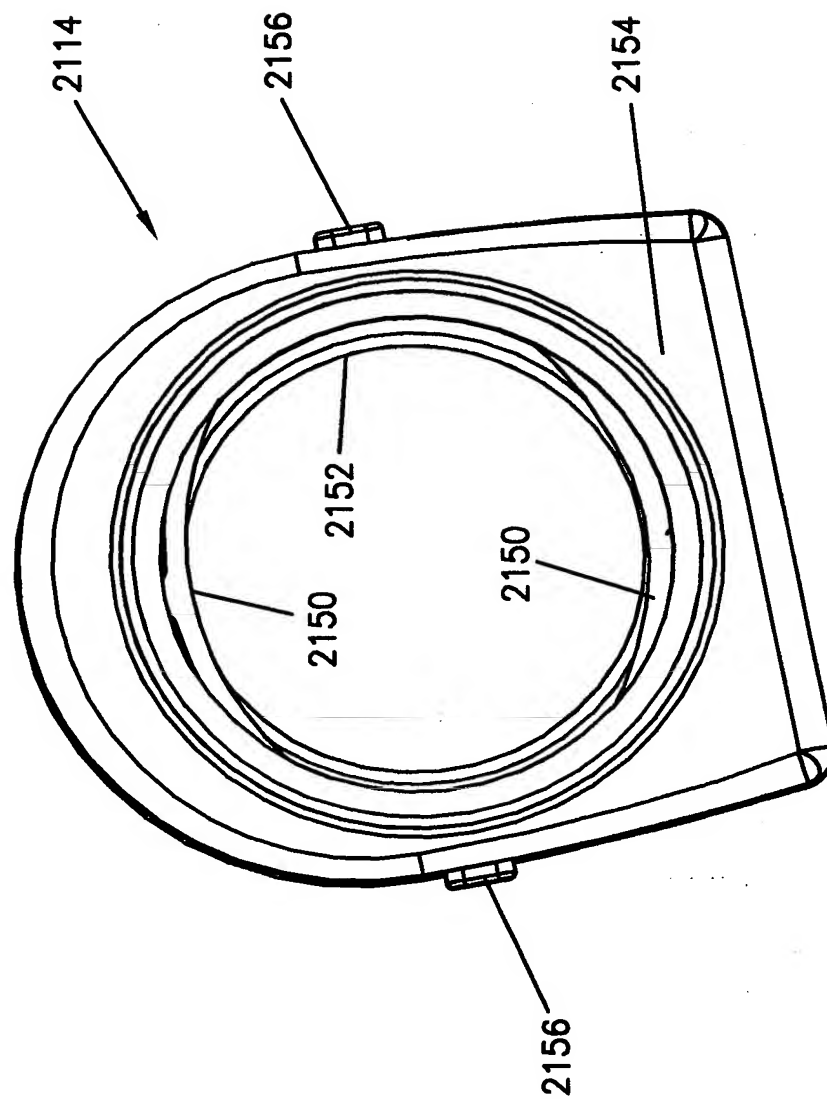


FIG. 46B



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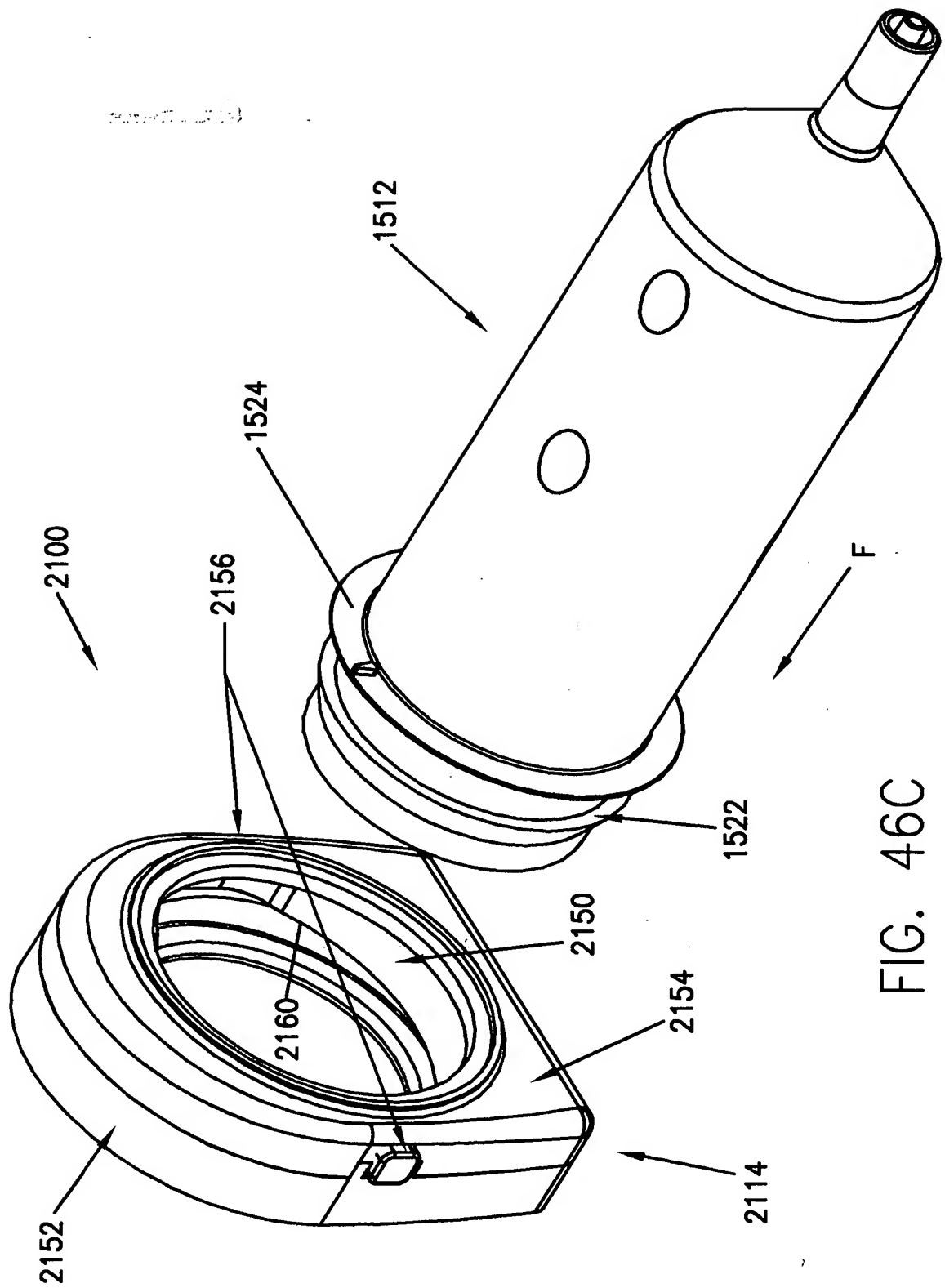


FIG. 46C

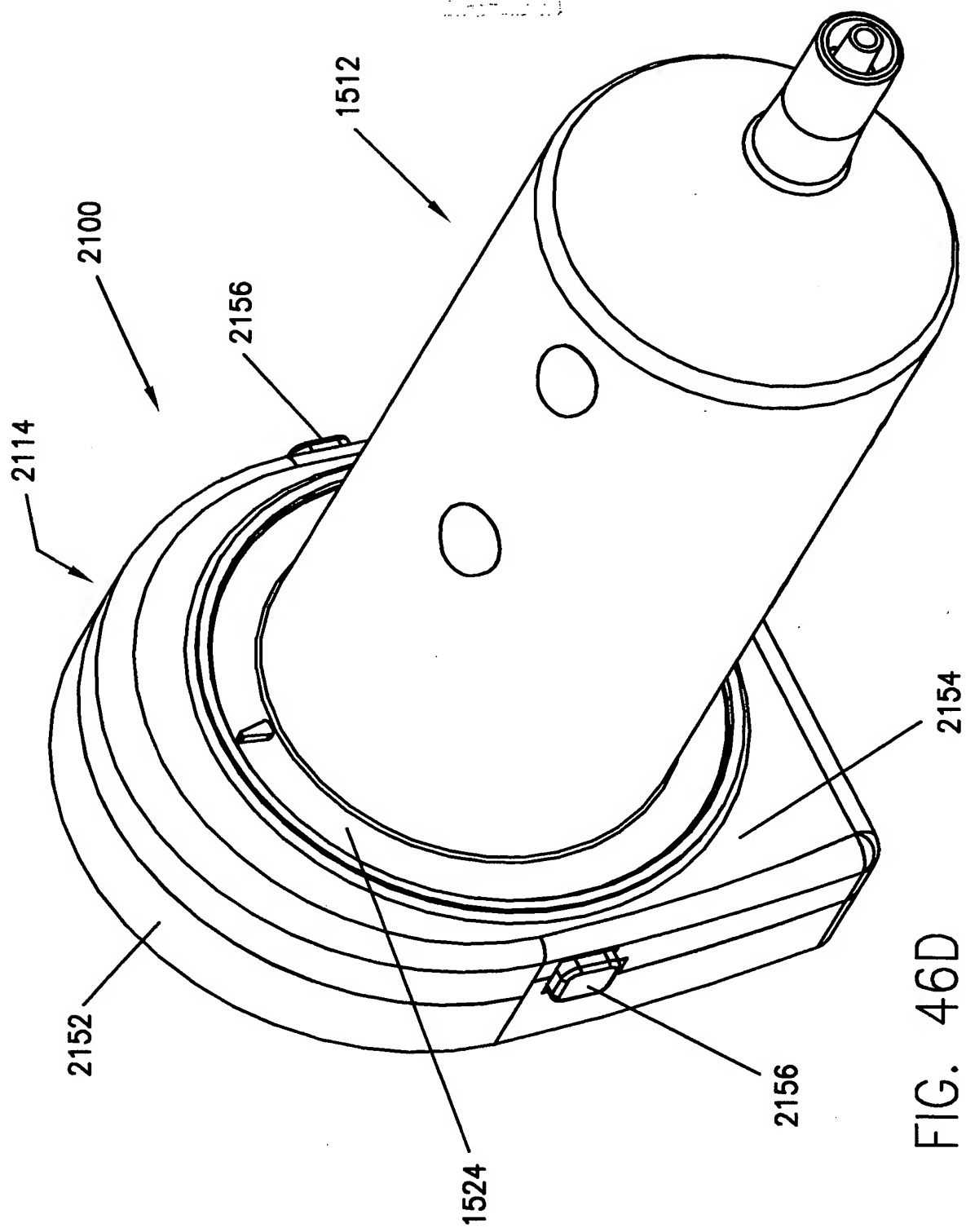


FIG. 46D

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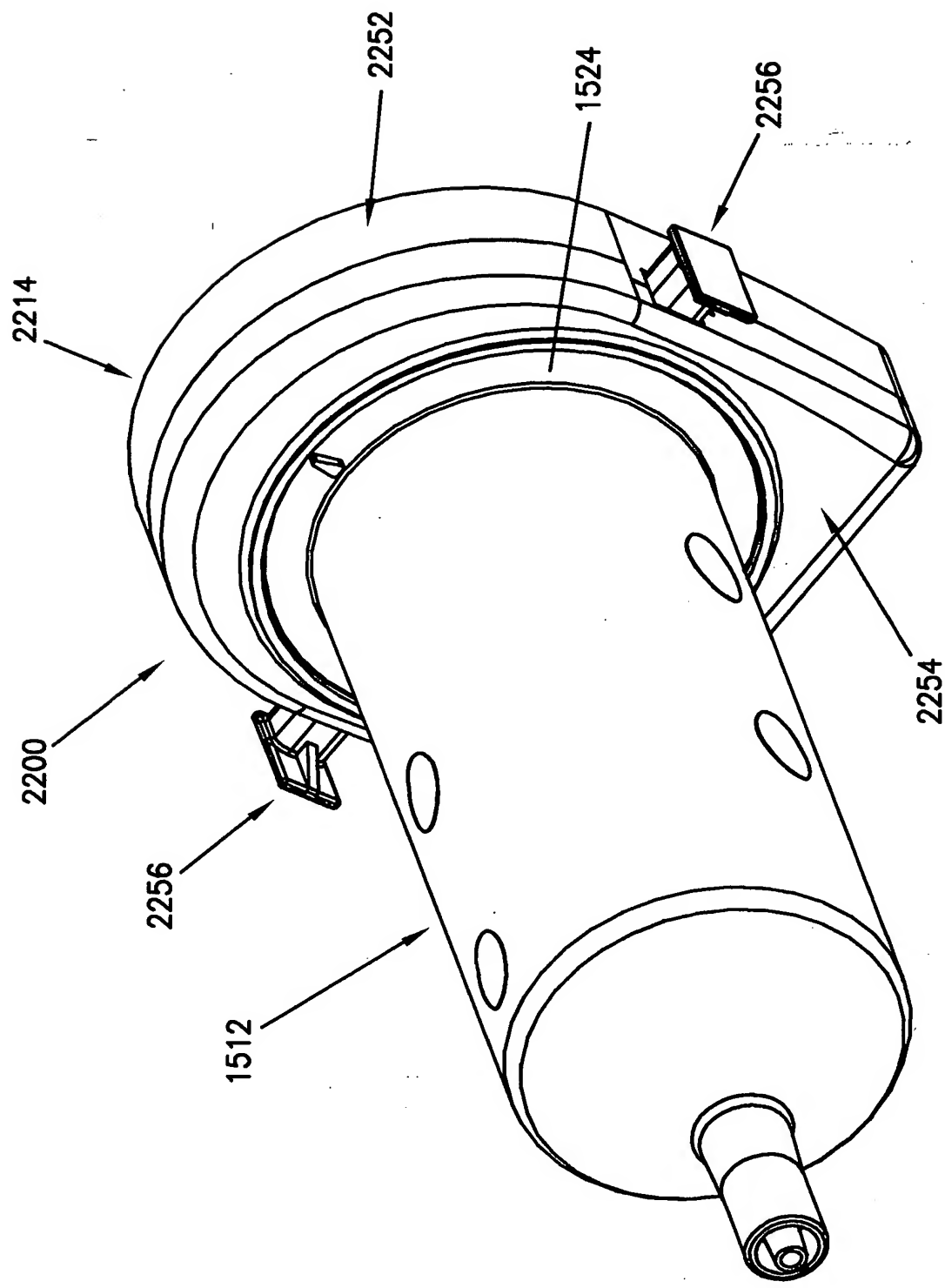


FIG. 47A

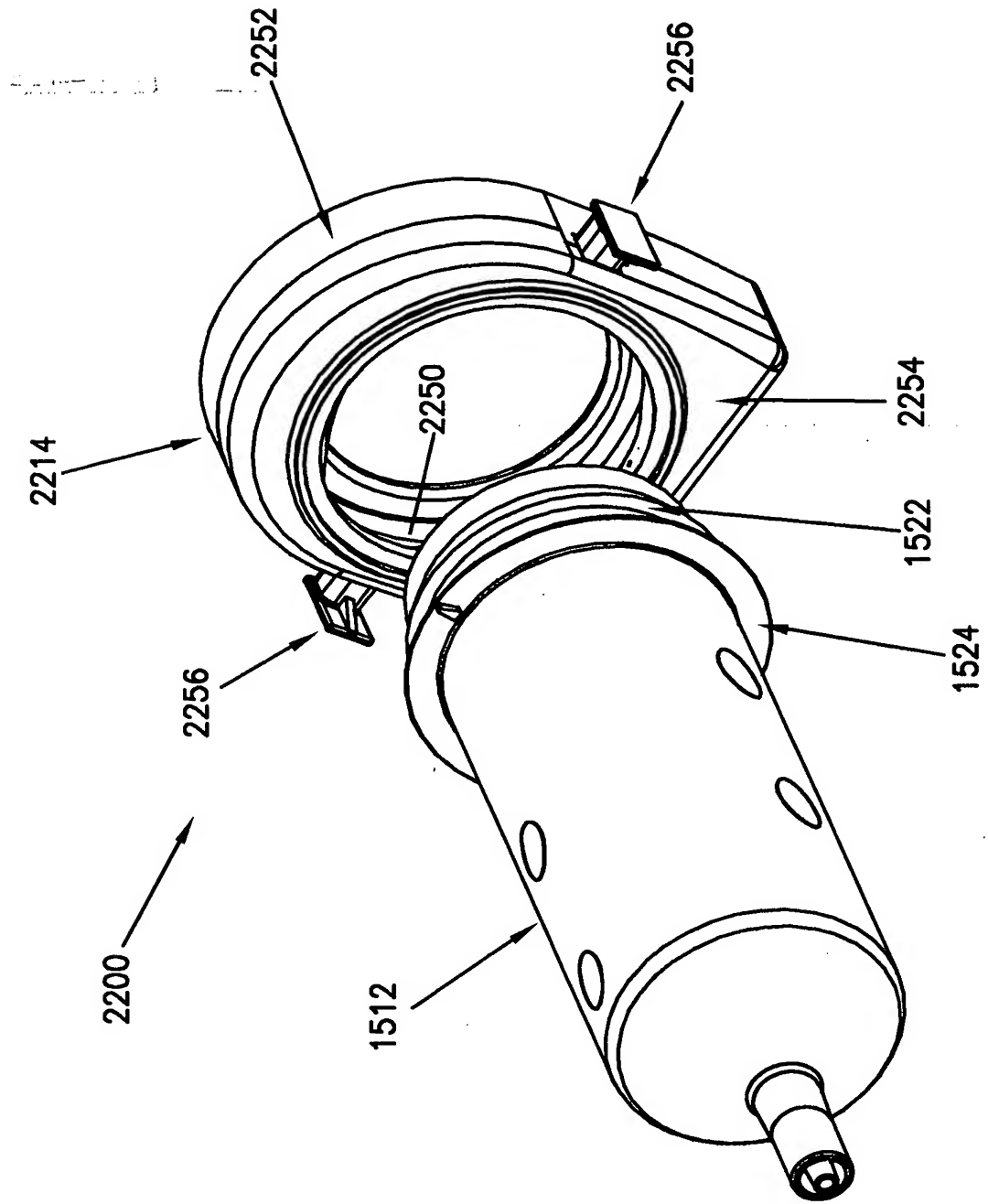


FIG. 47B

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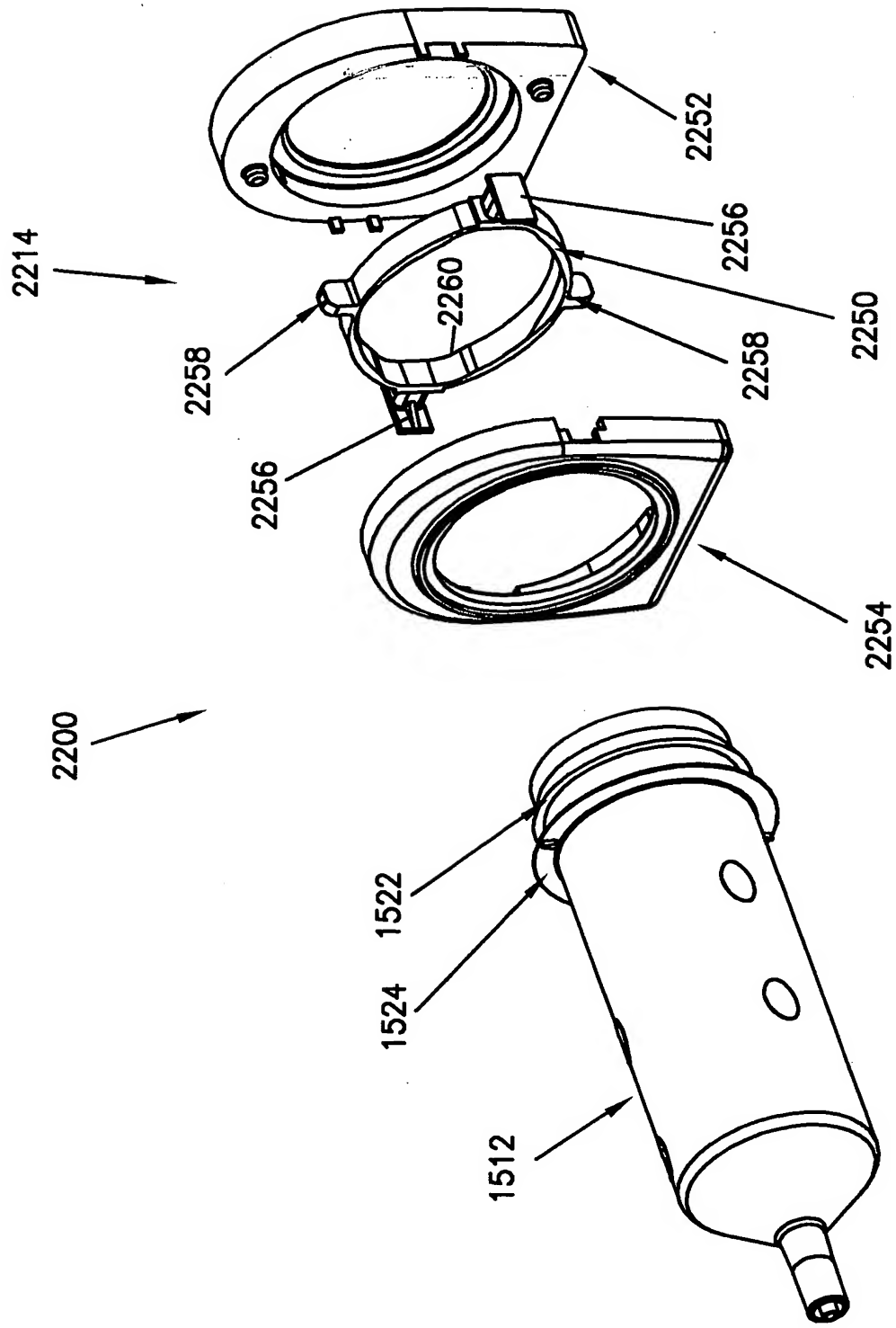


FIG. 47C

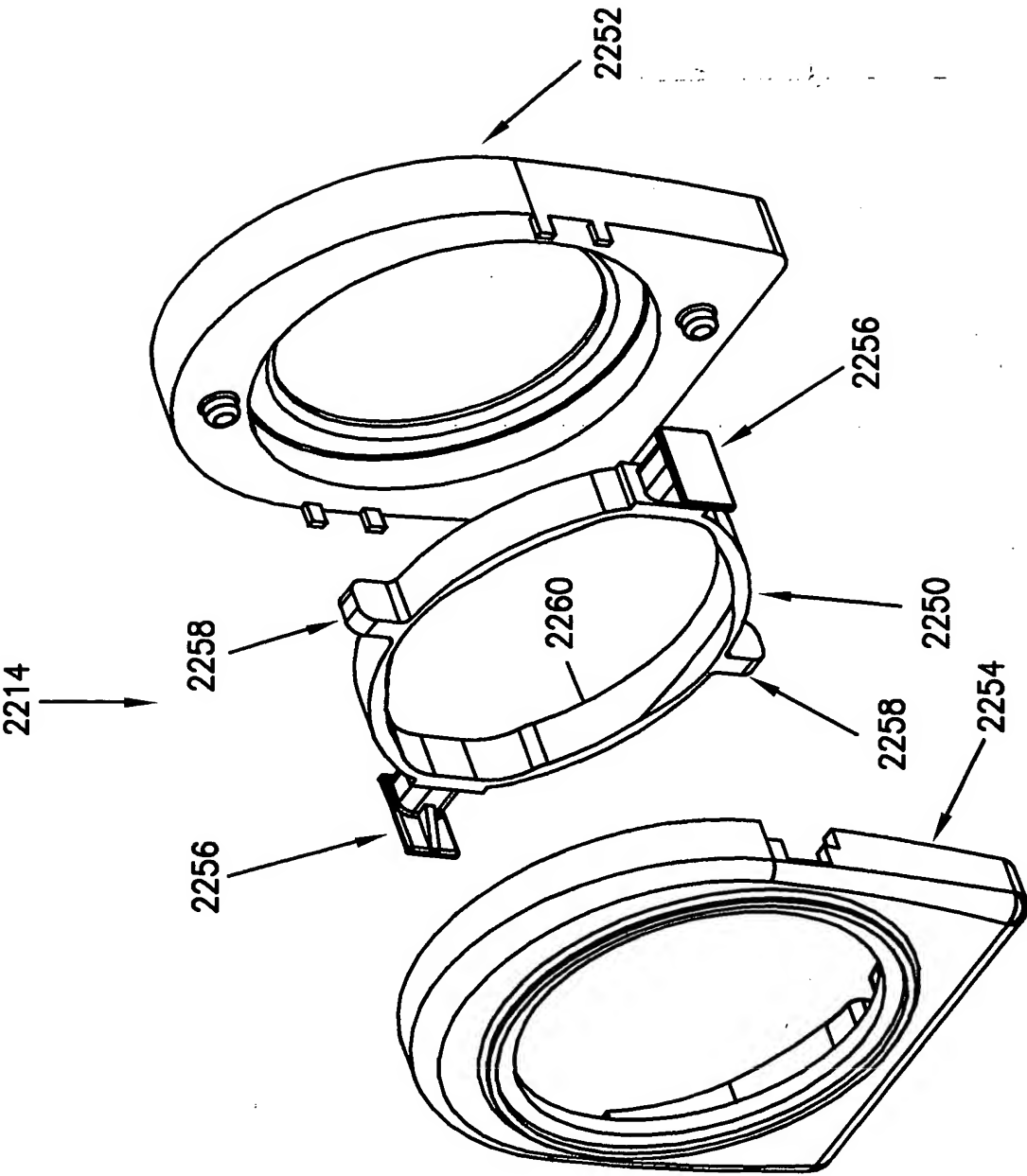


FIG. 47D

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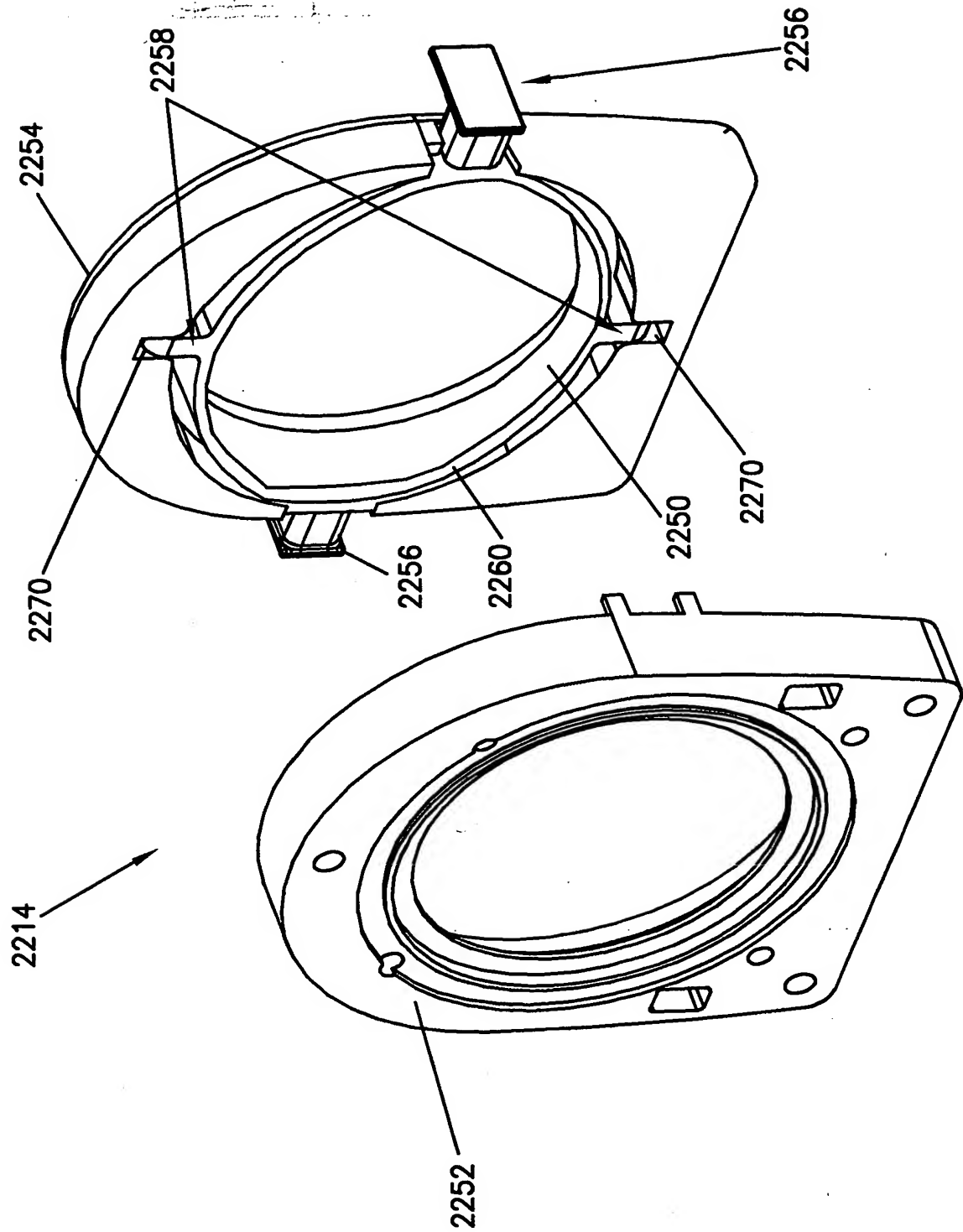


FIG. 47E

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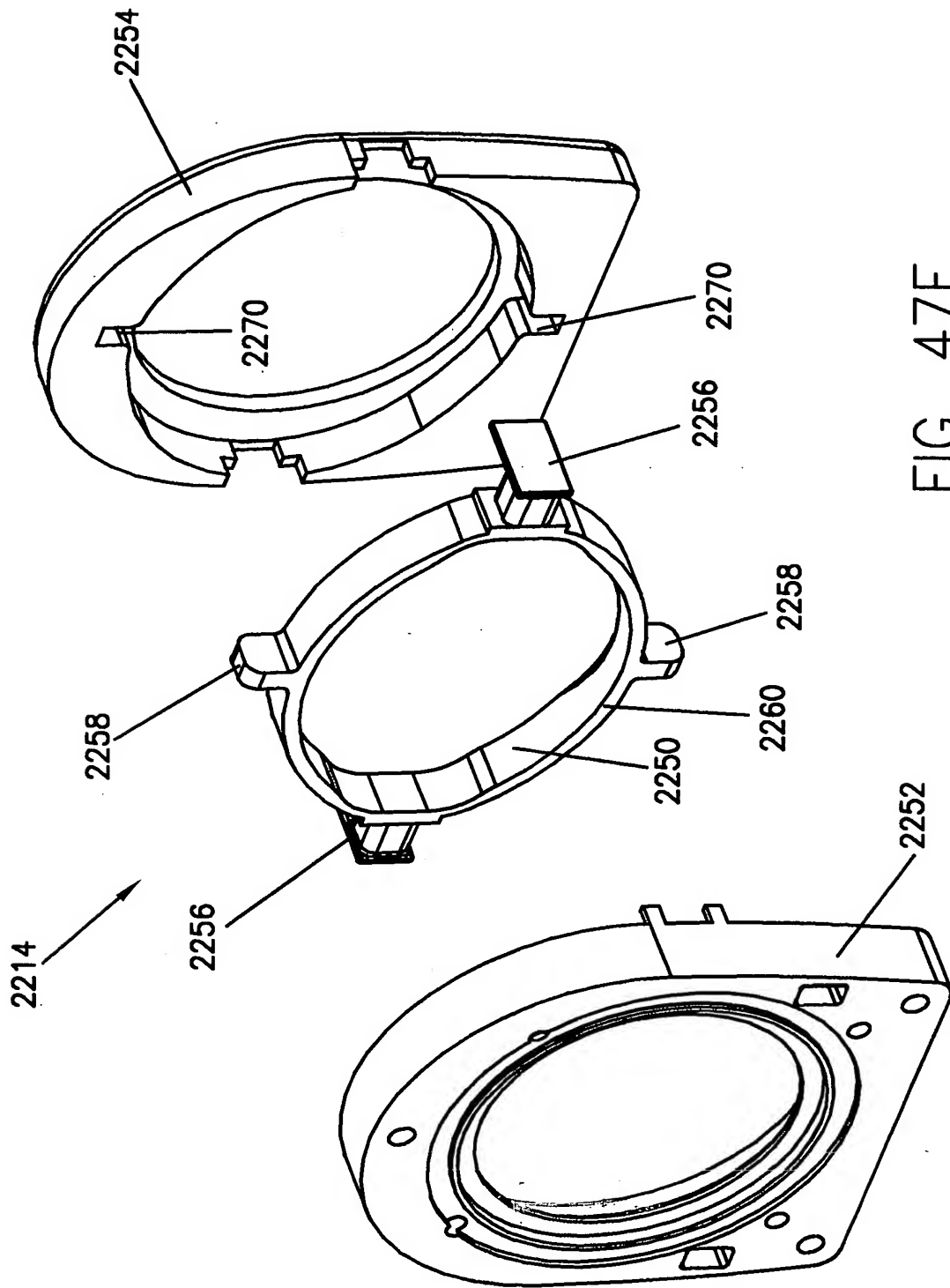


FIG. 47F



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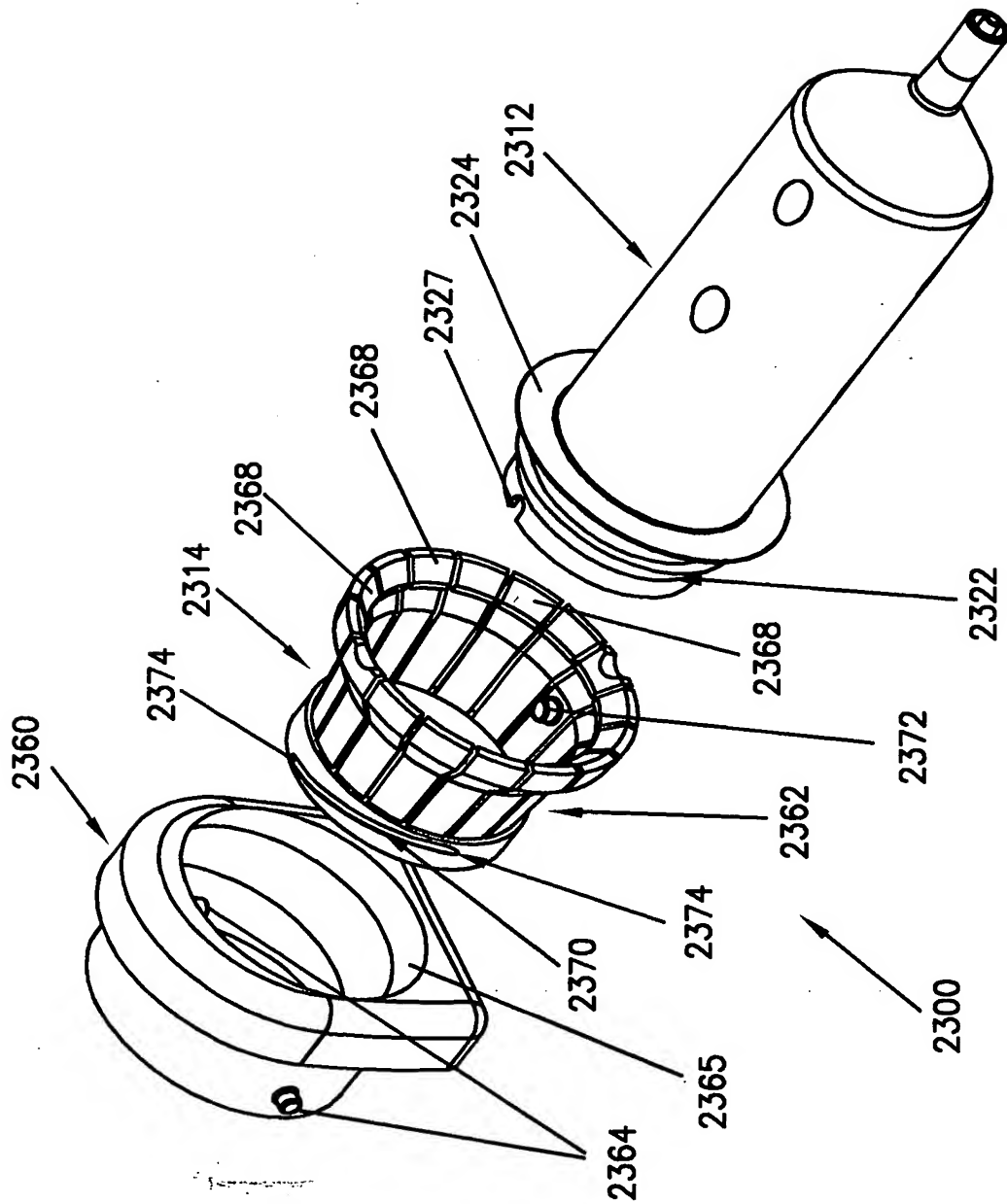


FIG. 48A

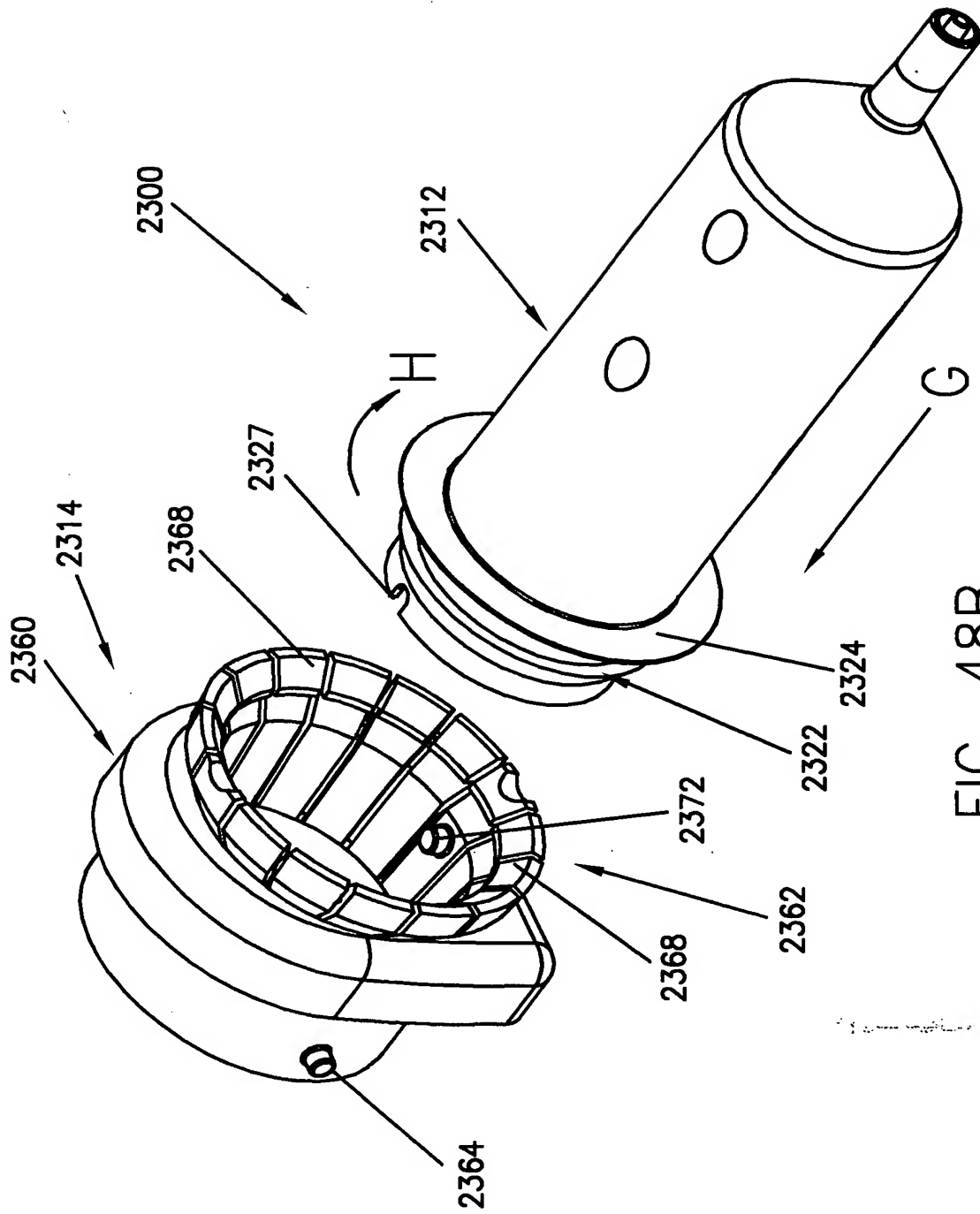


FIG. 48B

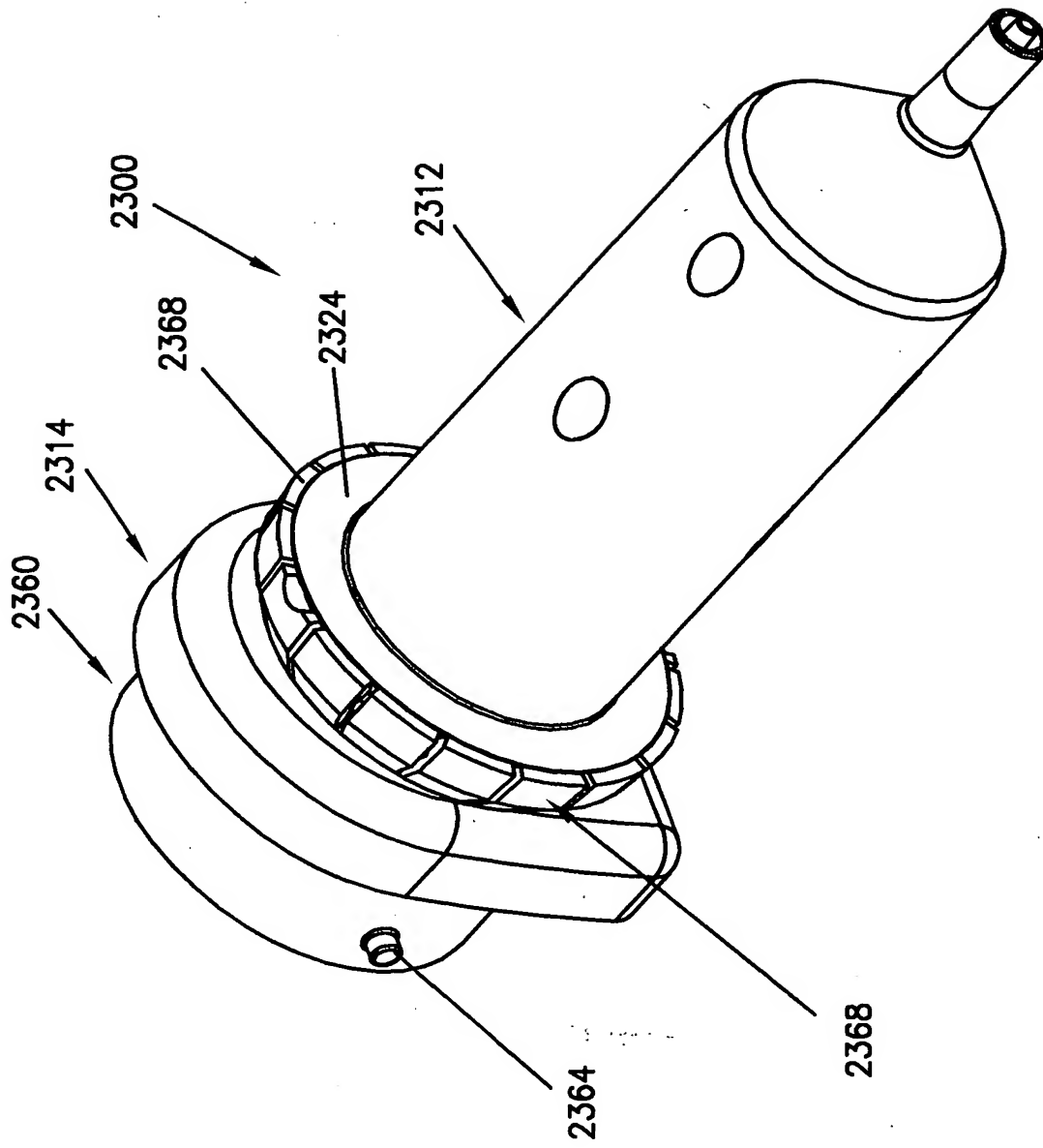


FIG. 48C

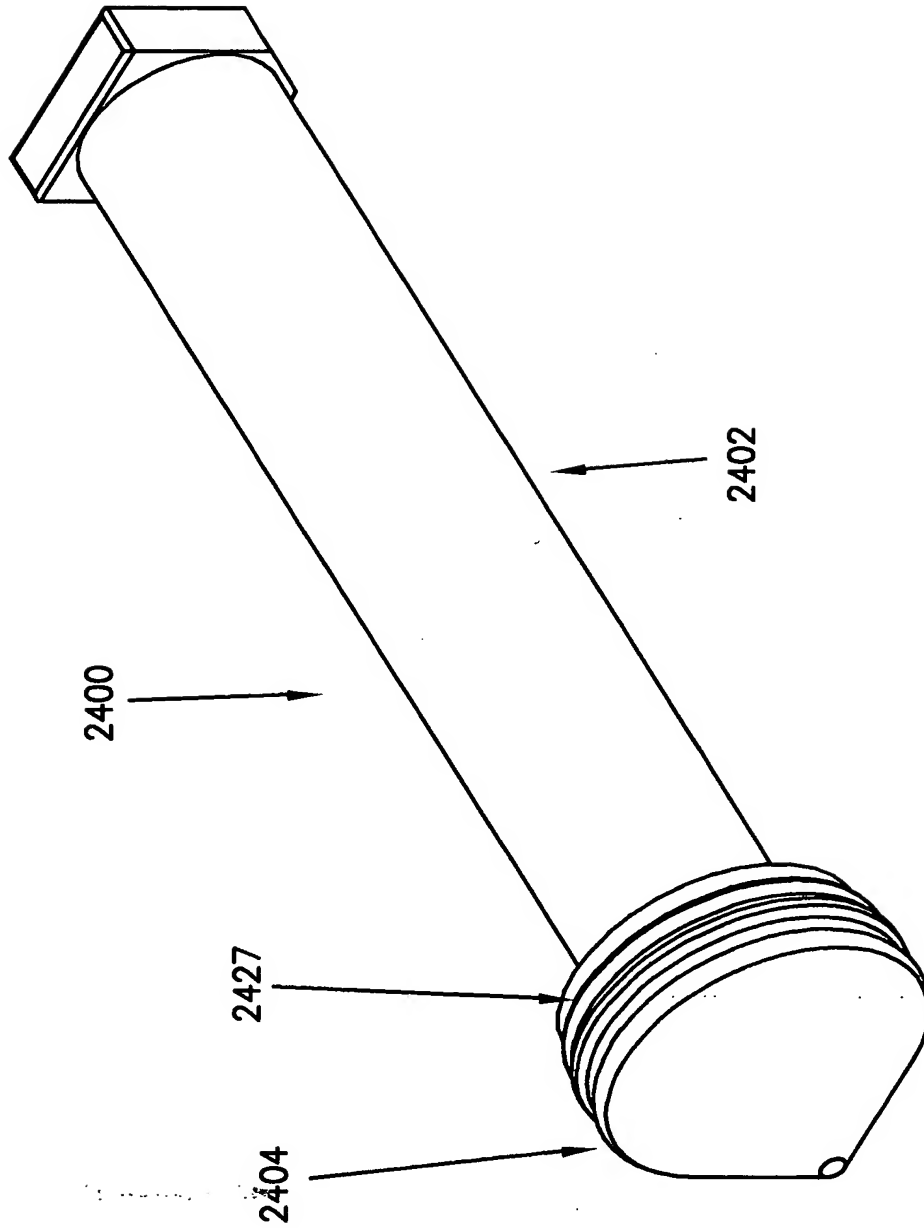


FIG. 49A

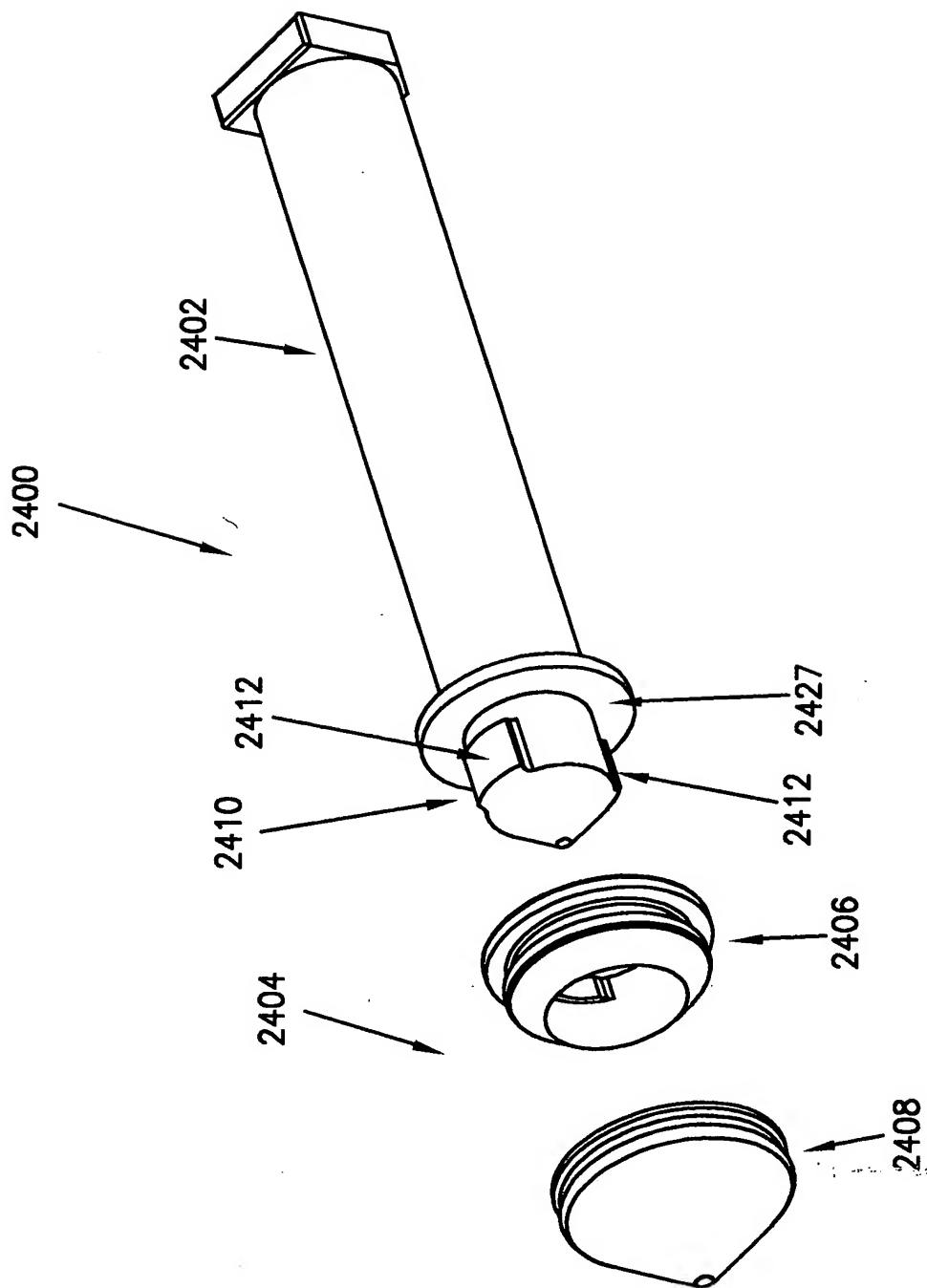


FIG. 49B

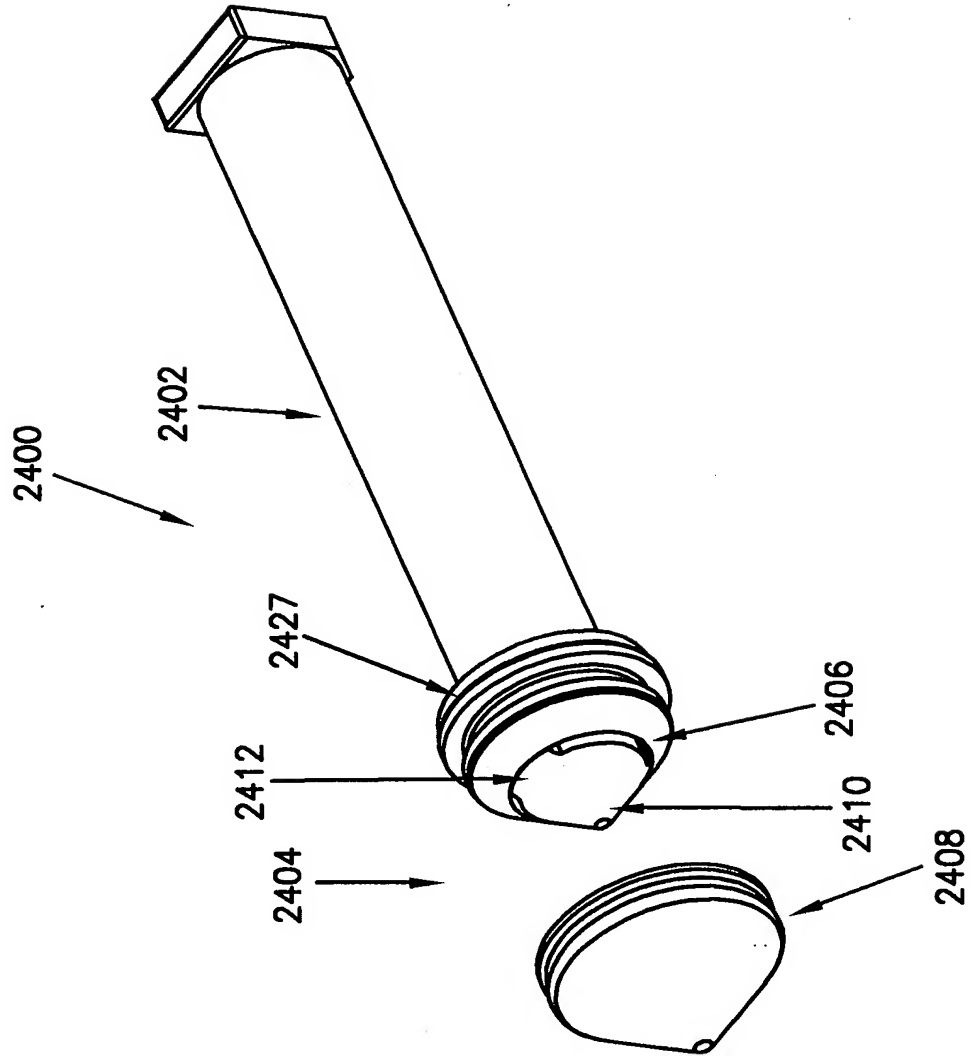


FIG. 49C

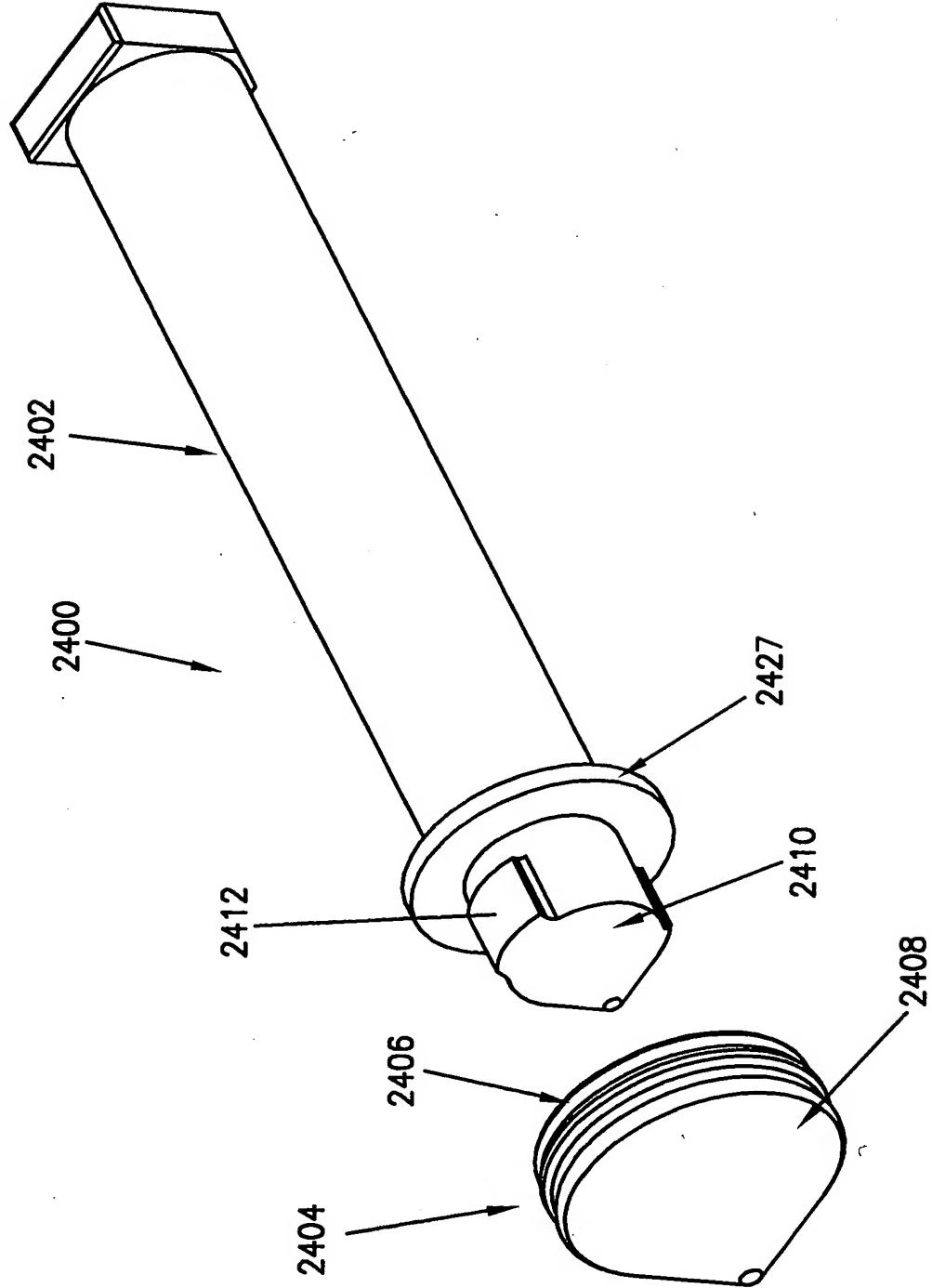


FIG. 49D

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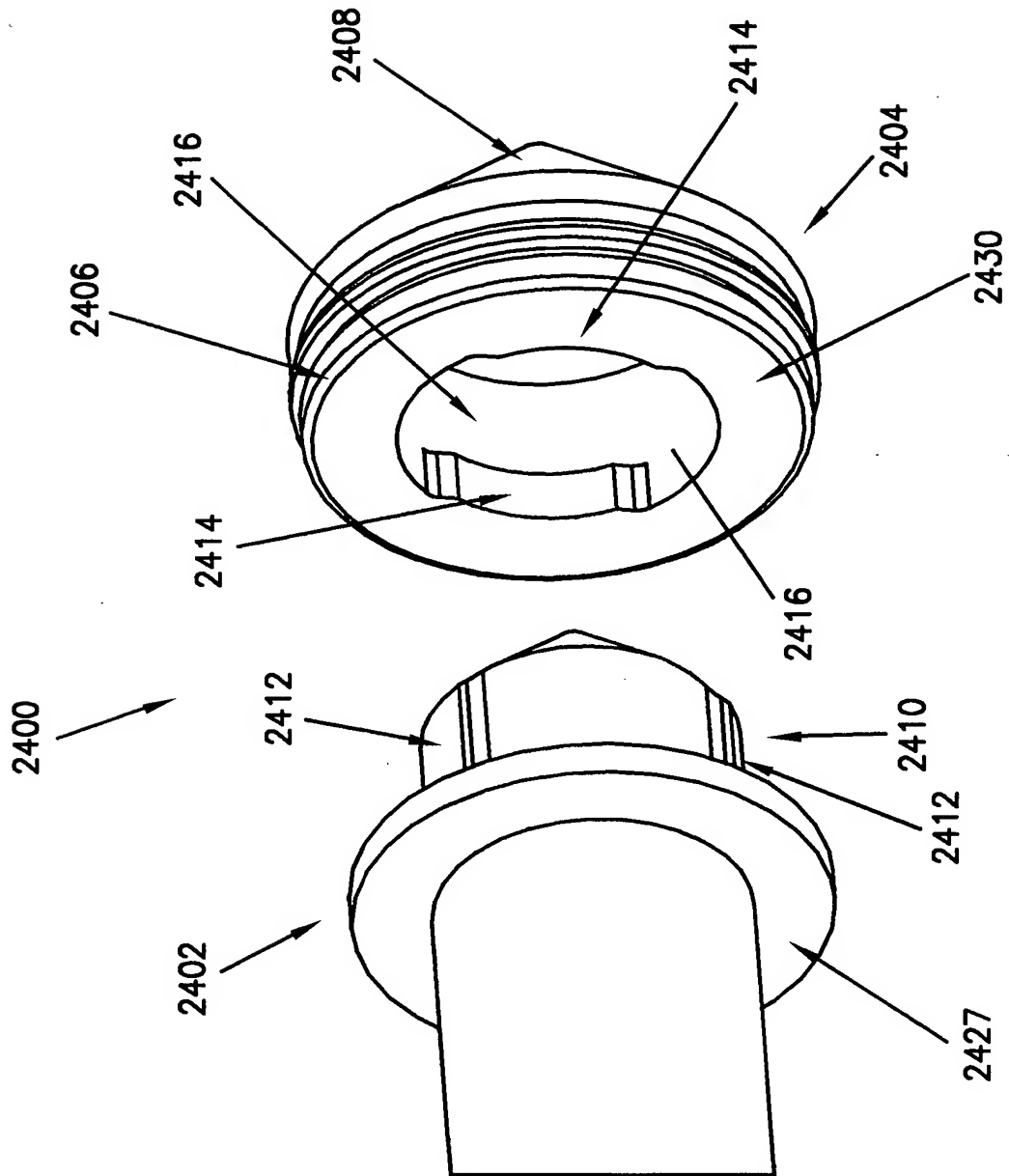


FIG. 49E



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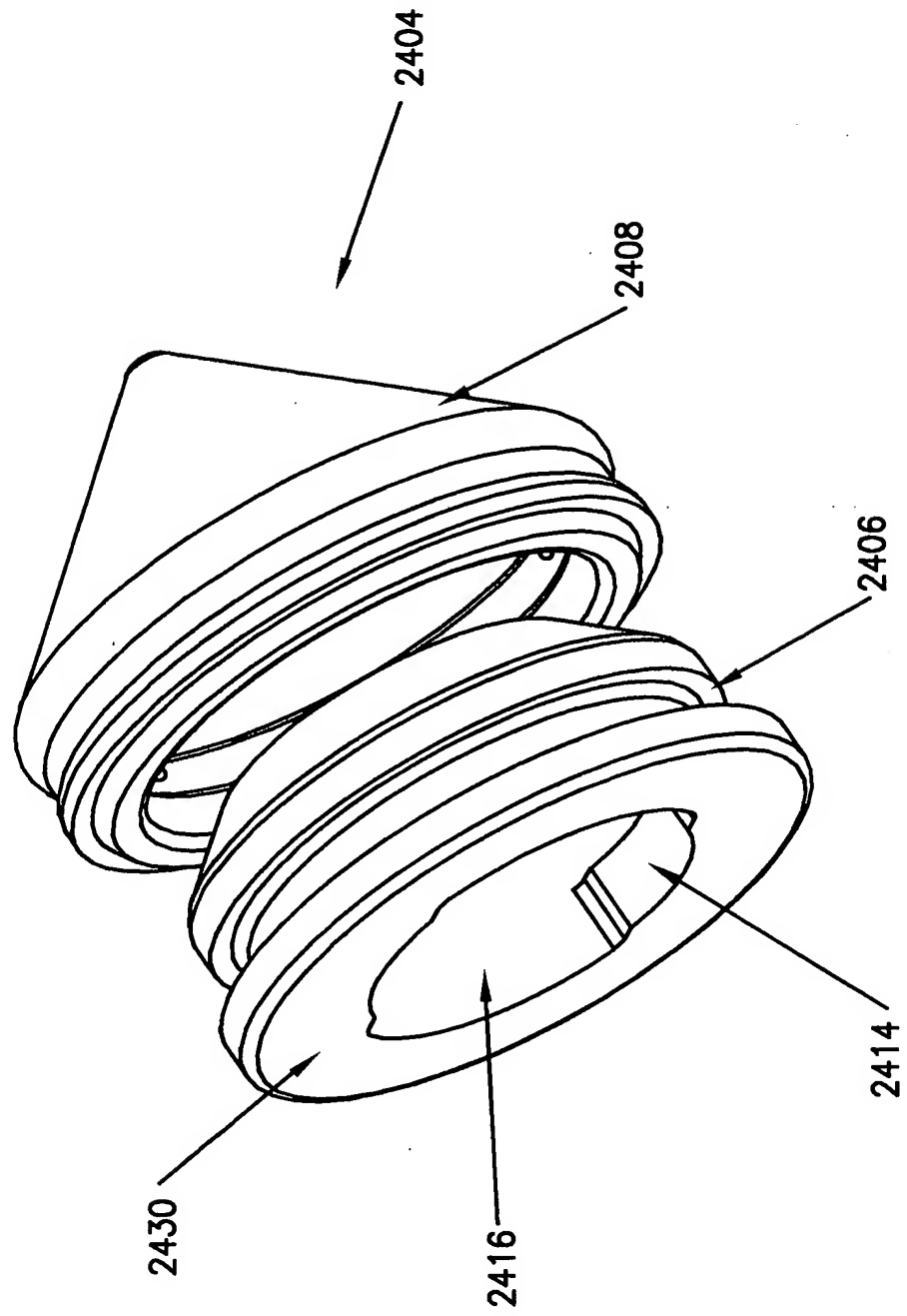


FIG. 49F

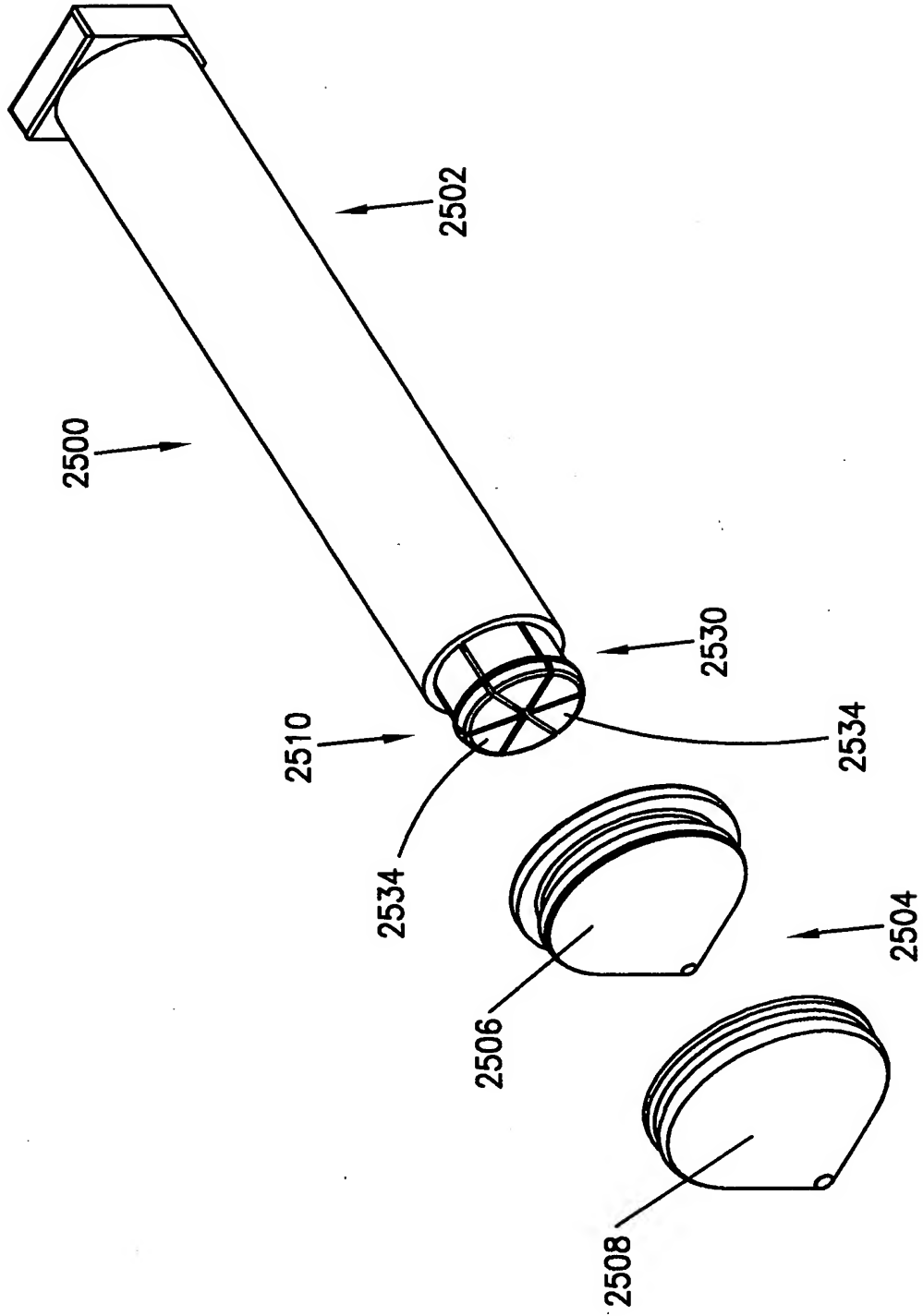


FIG. 50A

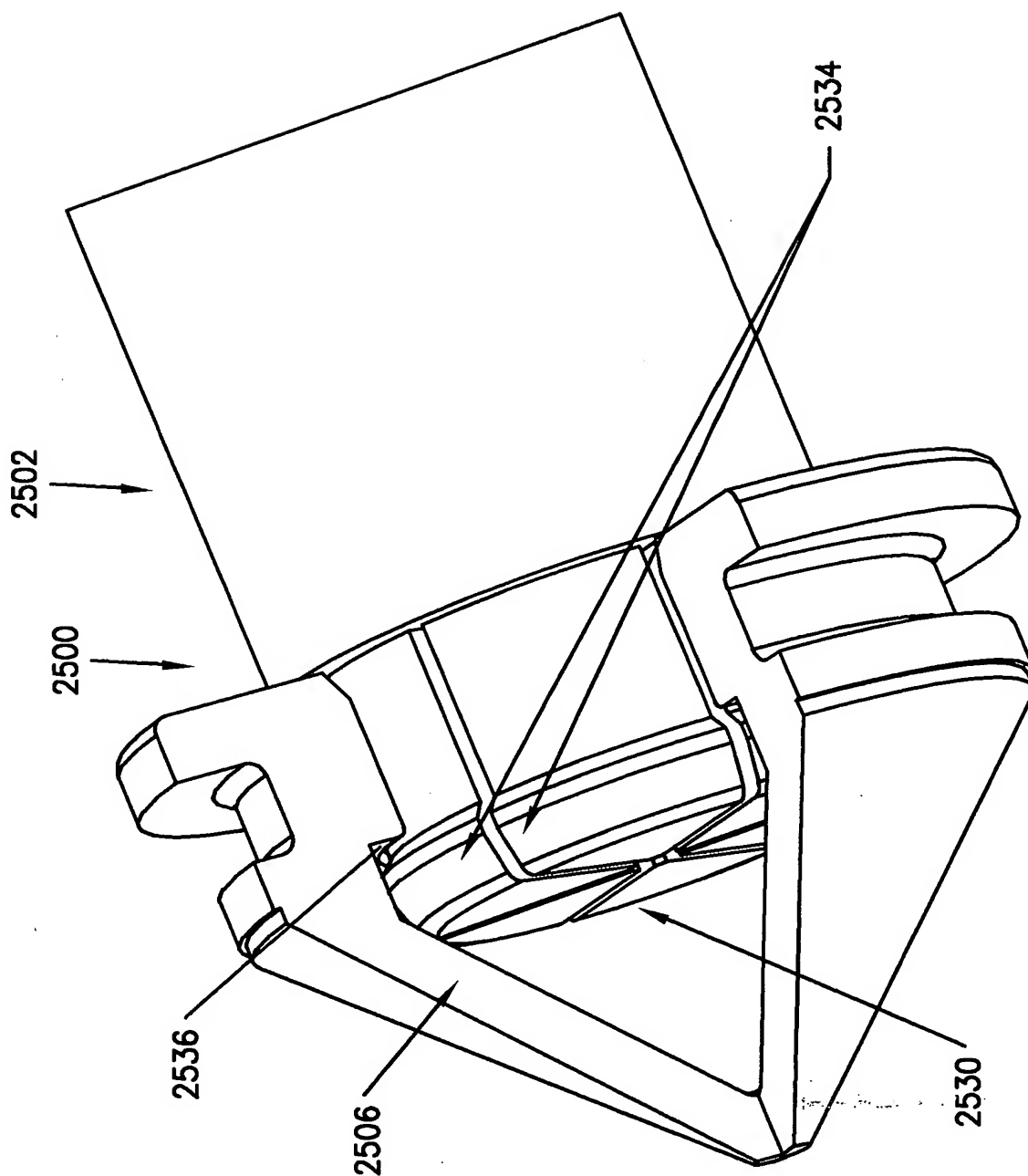


FIG. 50B

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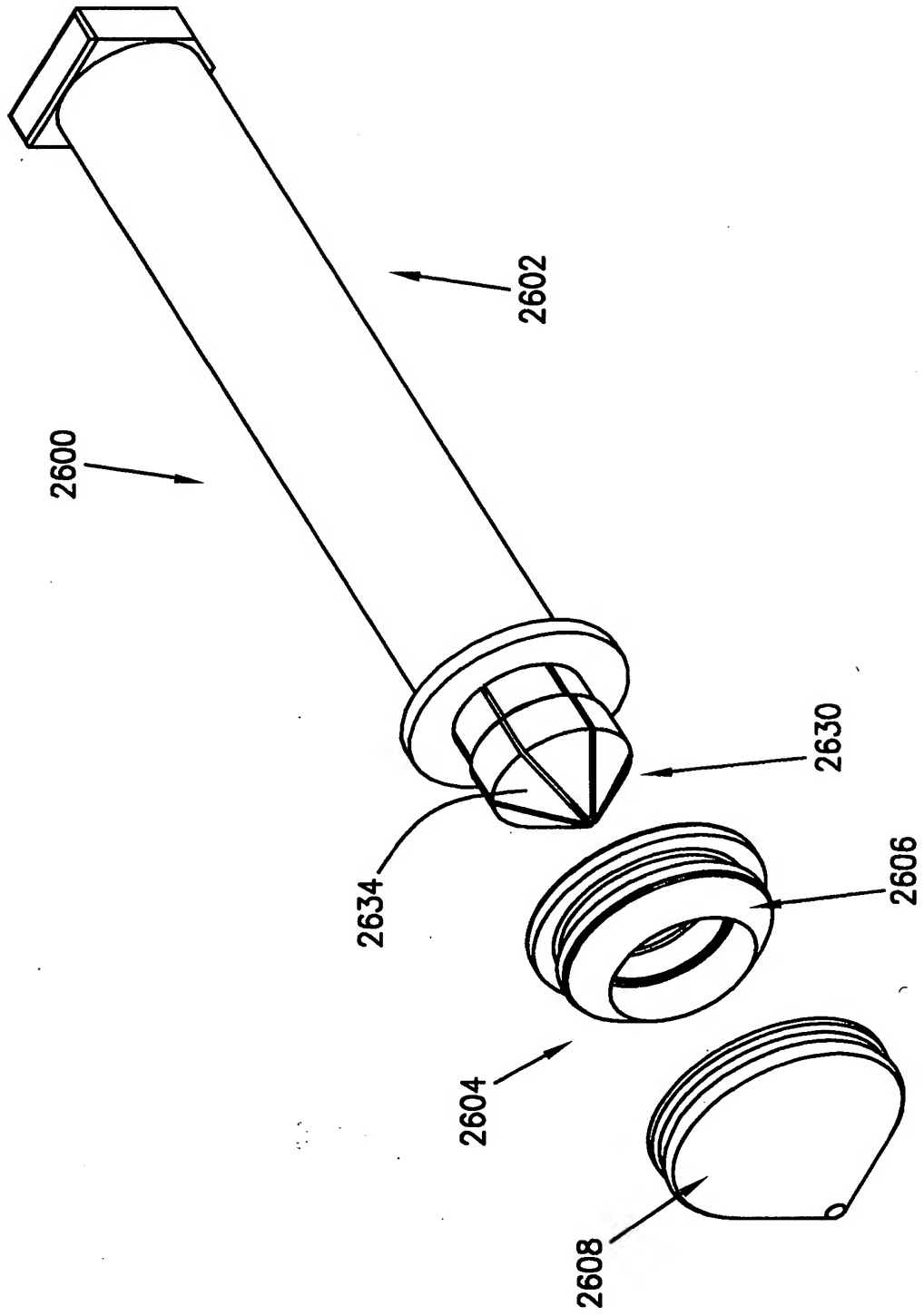


FIG. 51A

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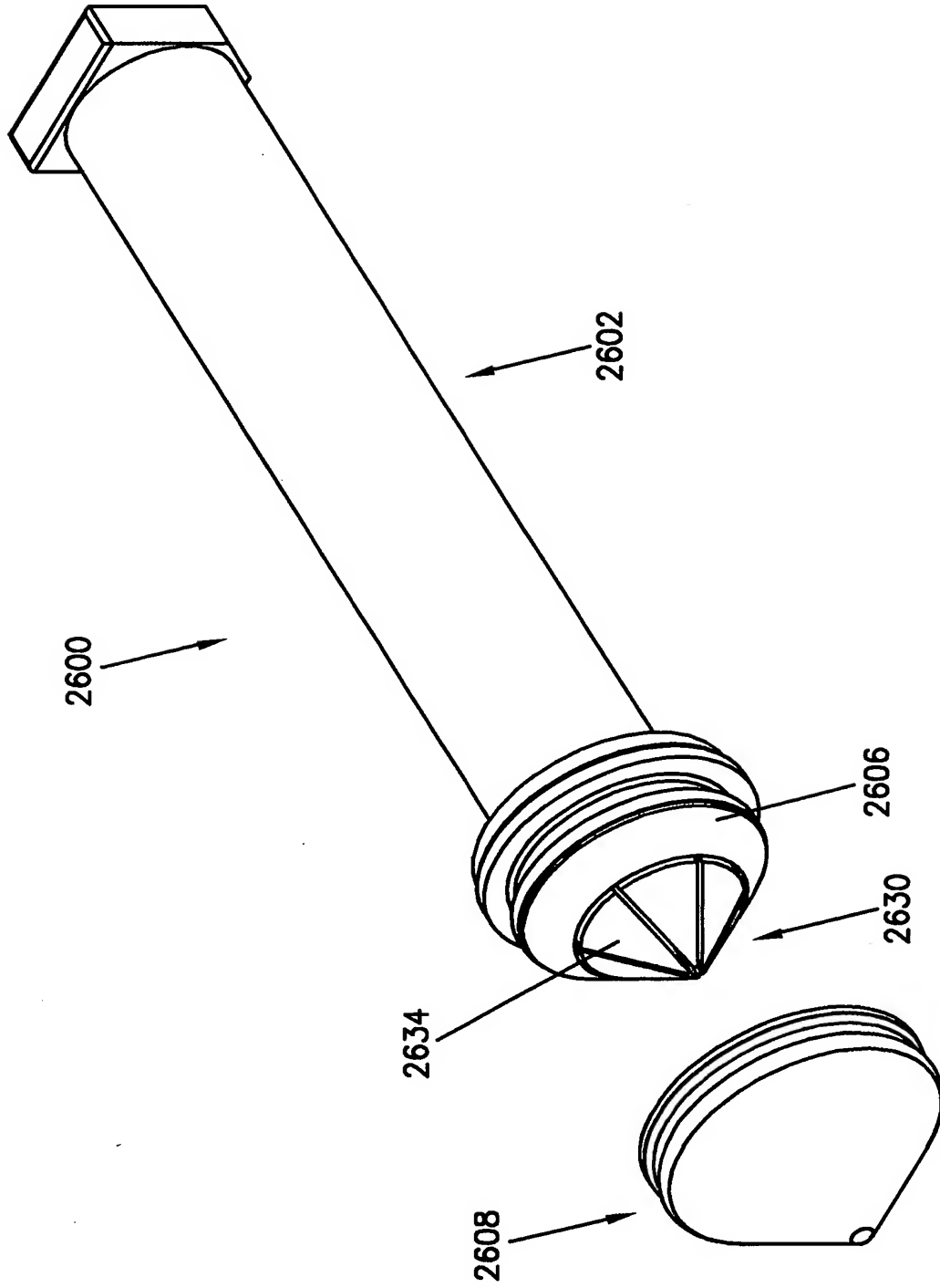


FIG. 51B

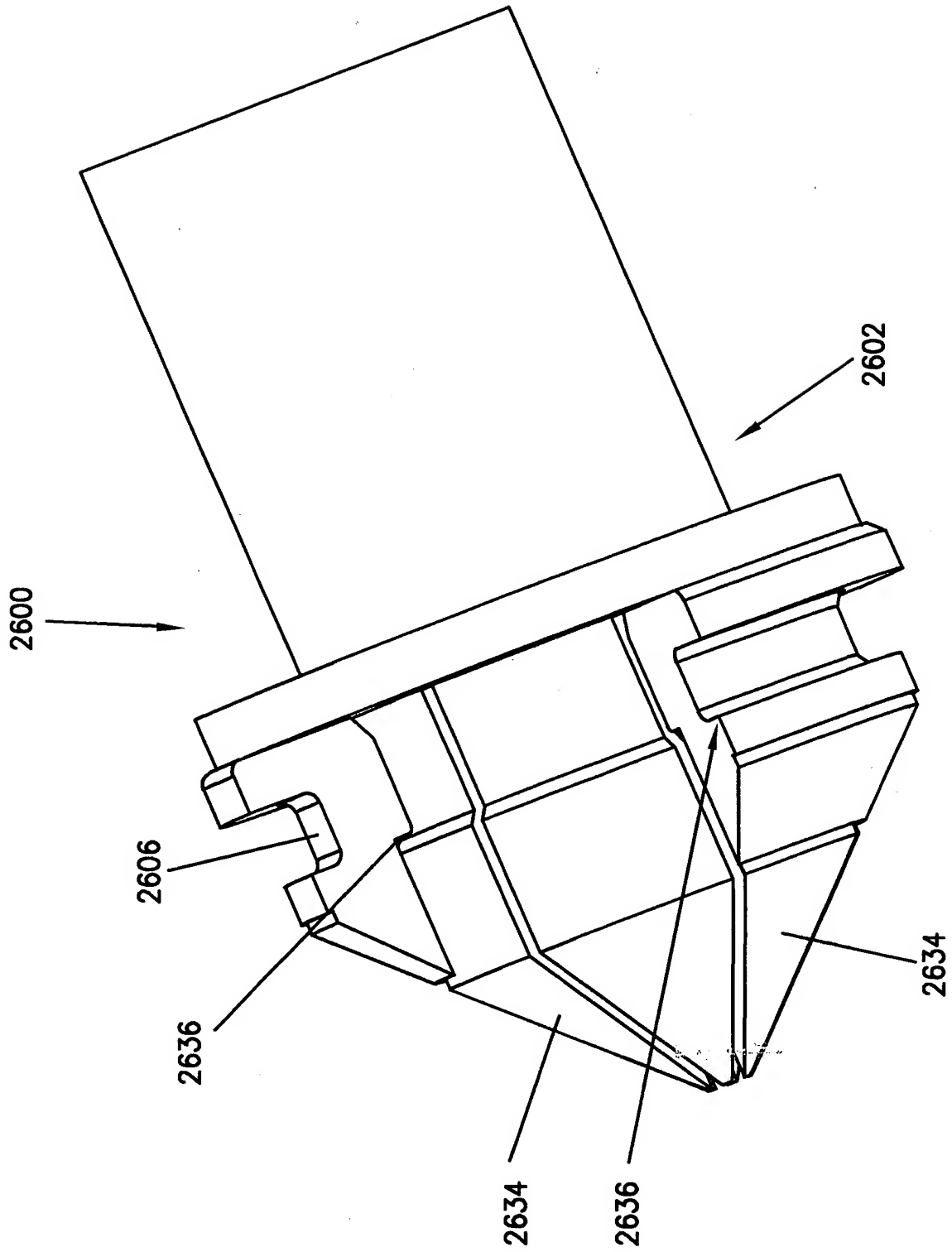


FIG. 51C

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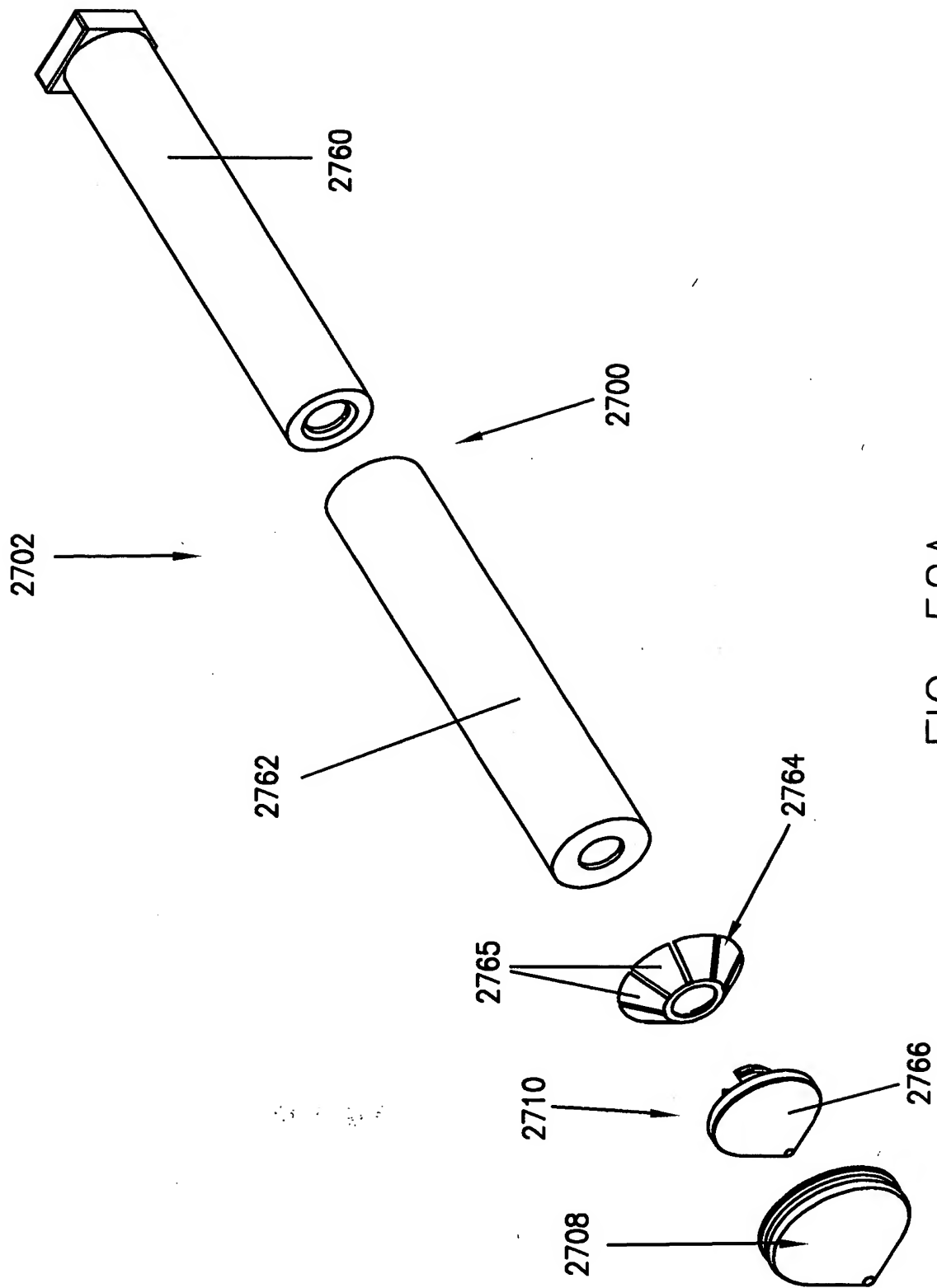


FIG. 52A

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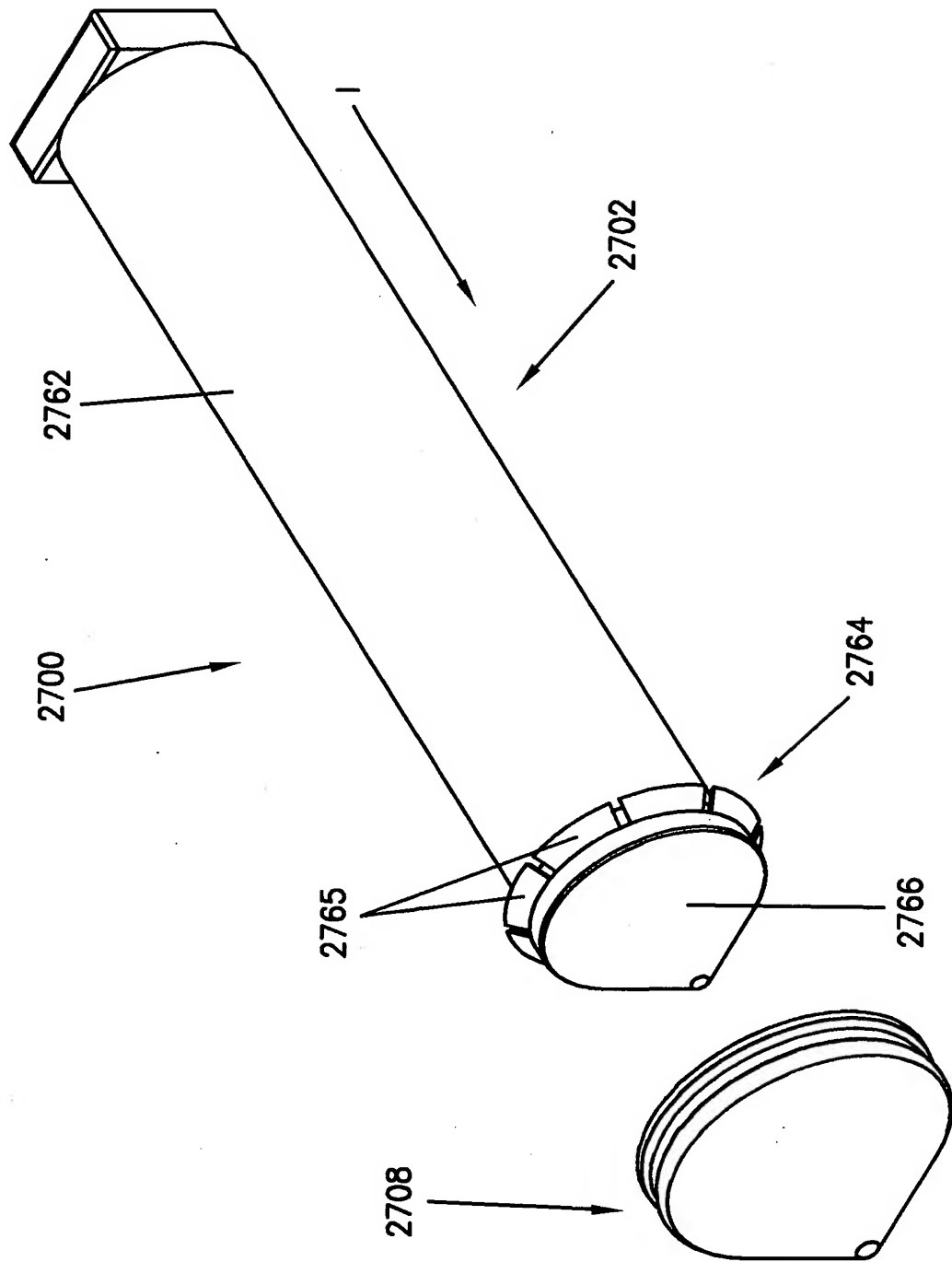


FIG. 52B



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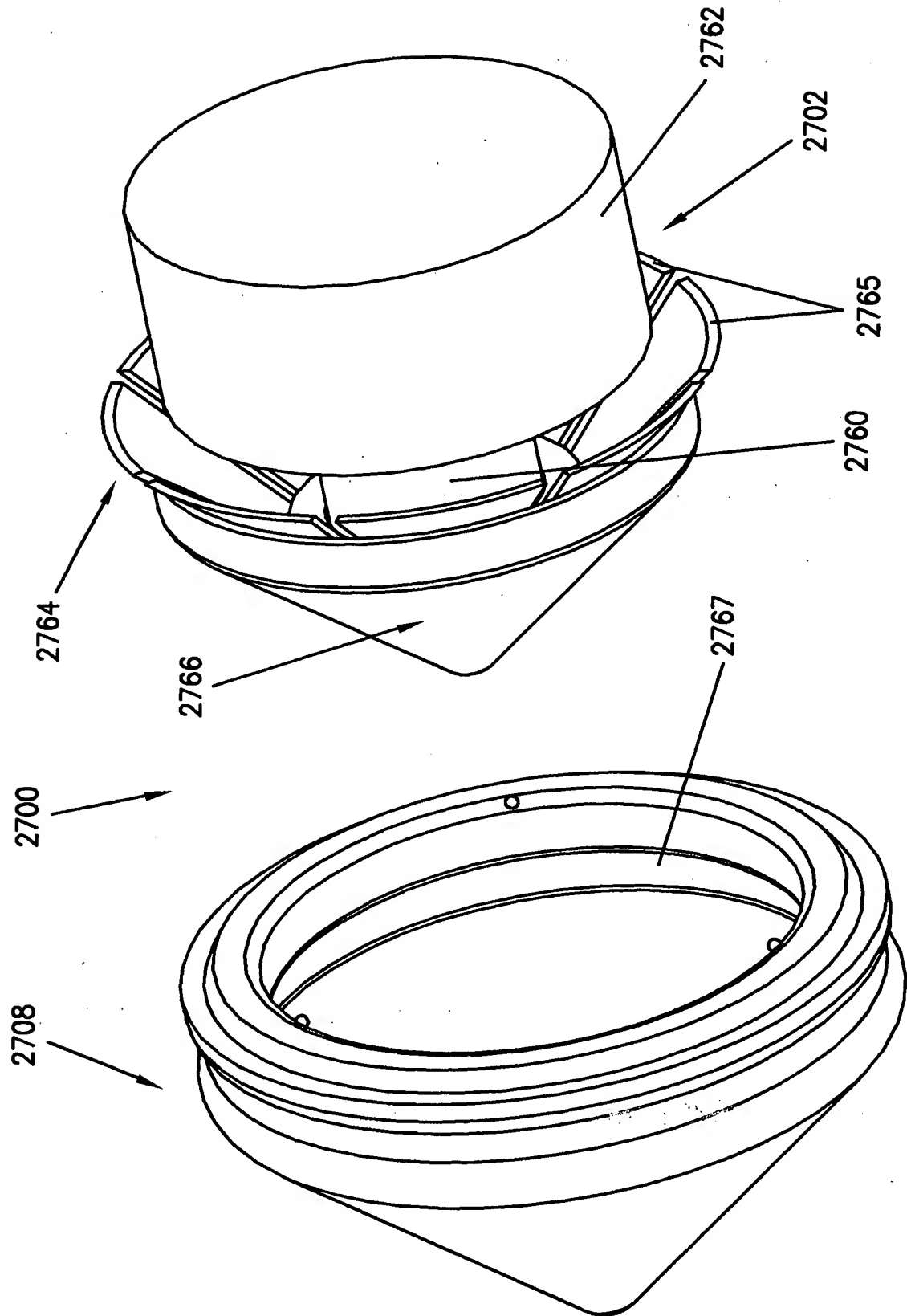


FIG. 52C

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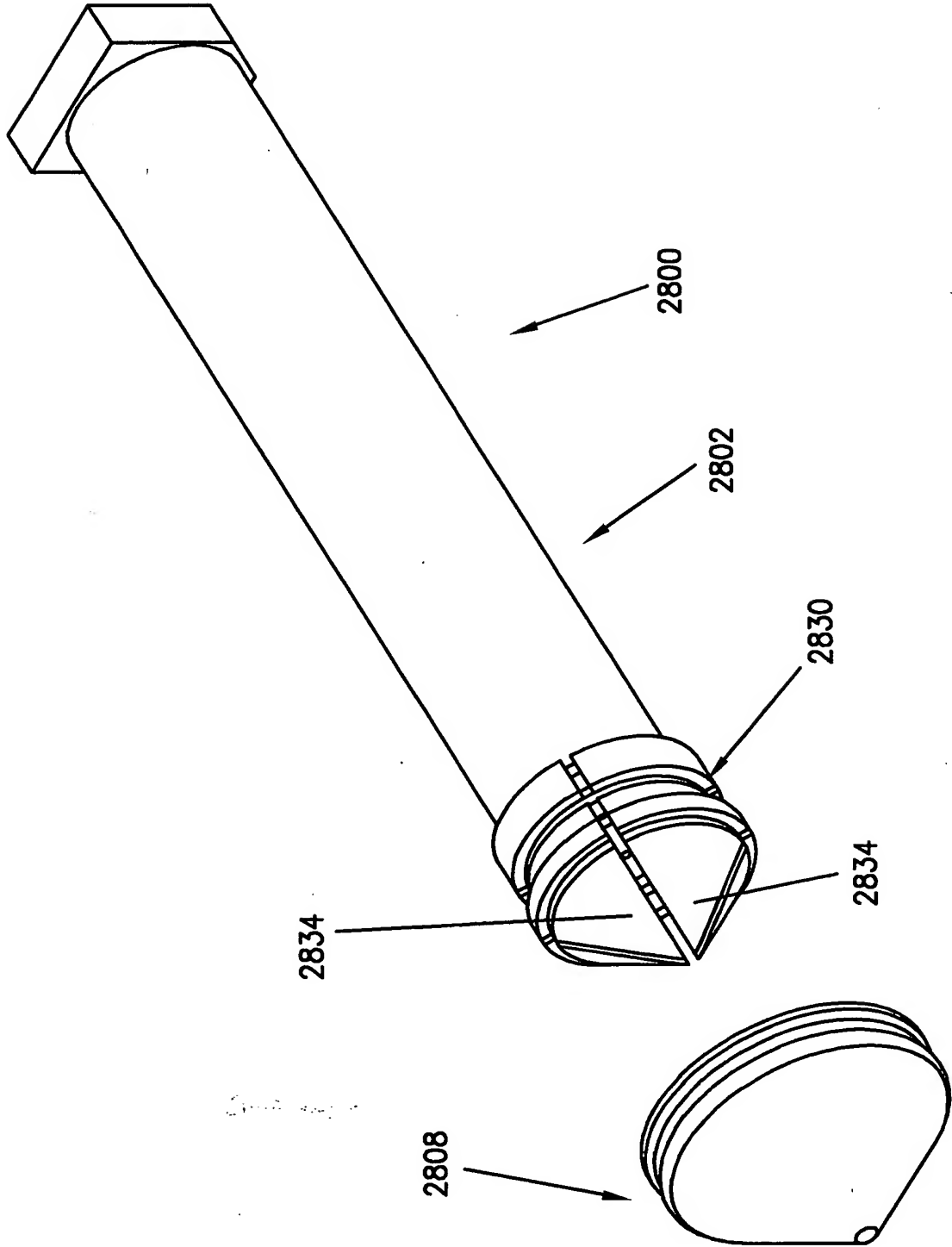


FIG. 53A

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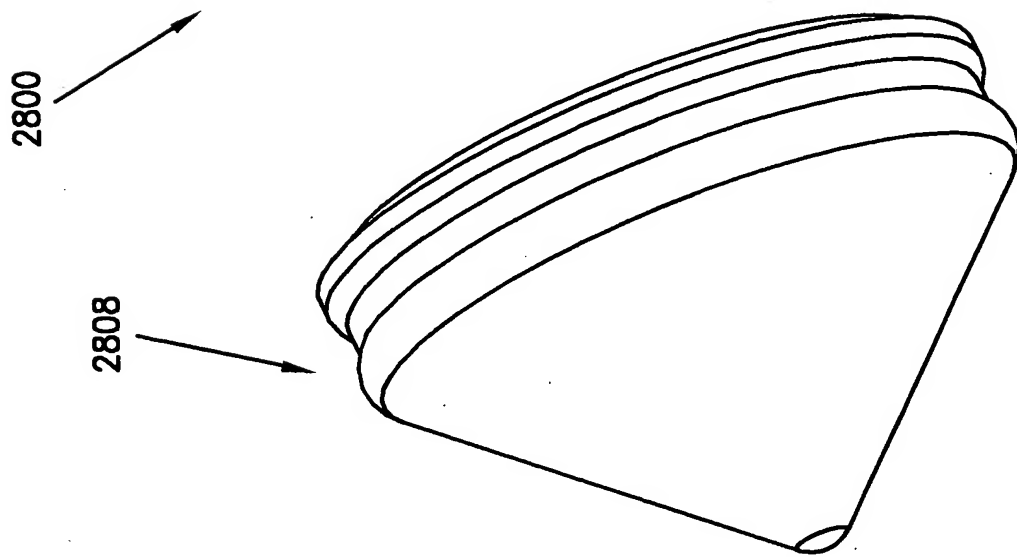
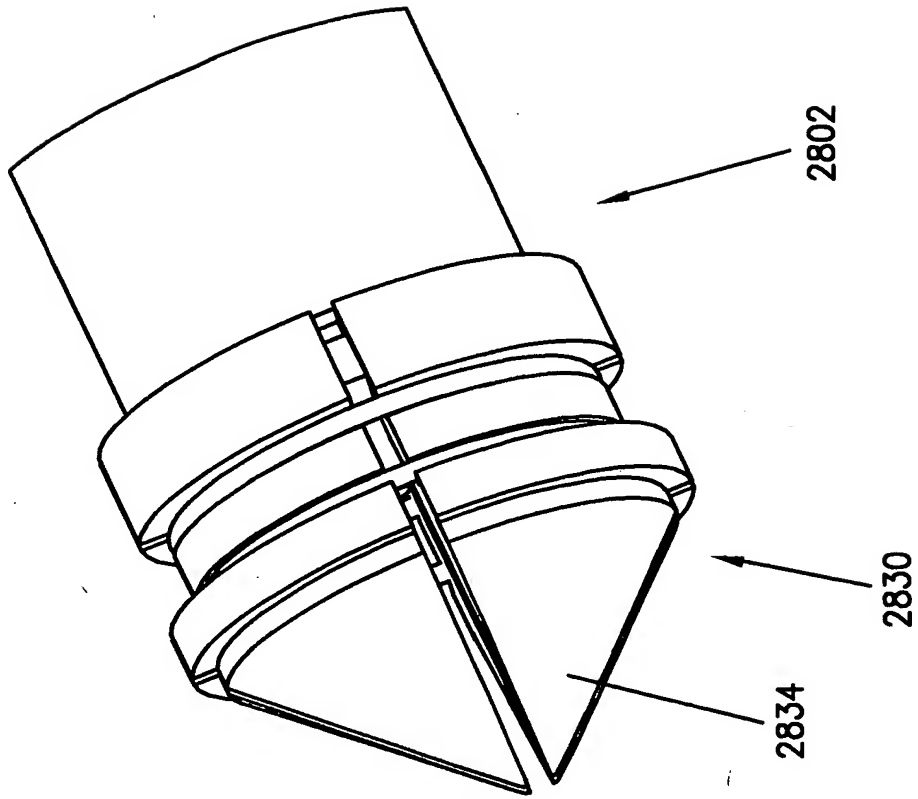


FIG. 53B

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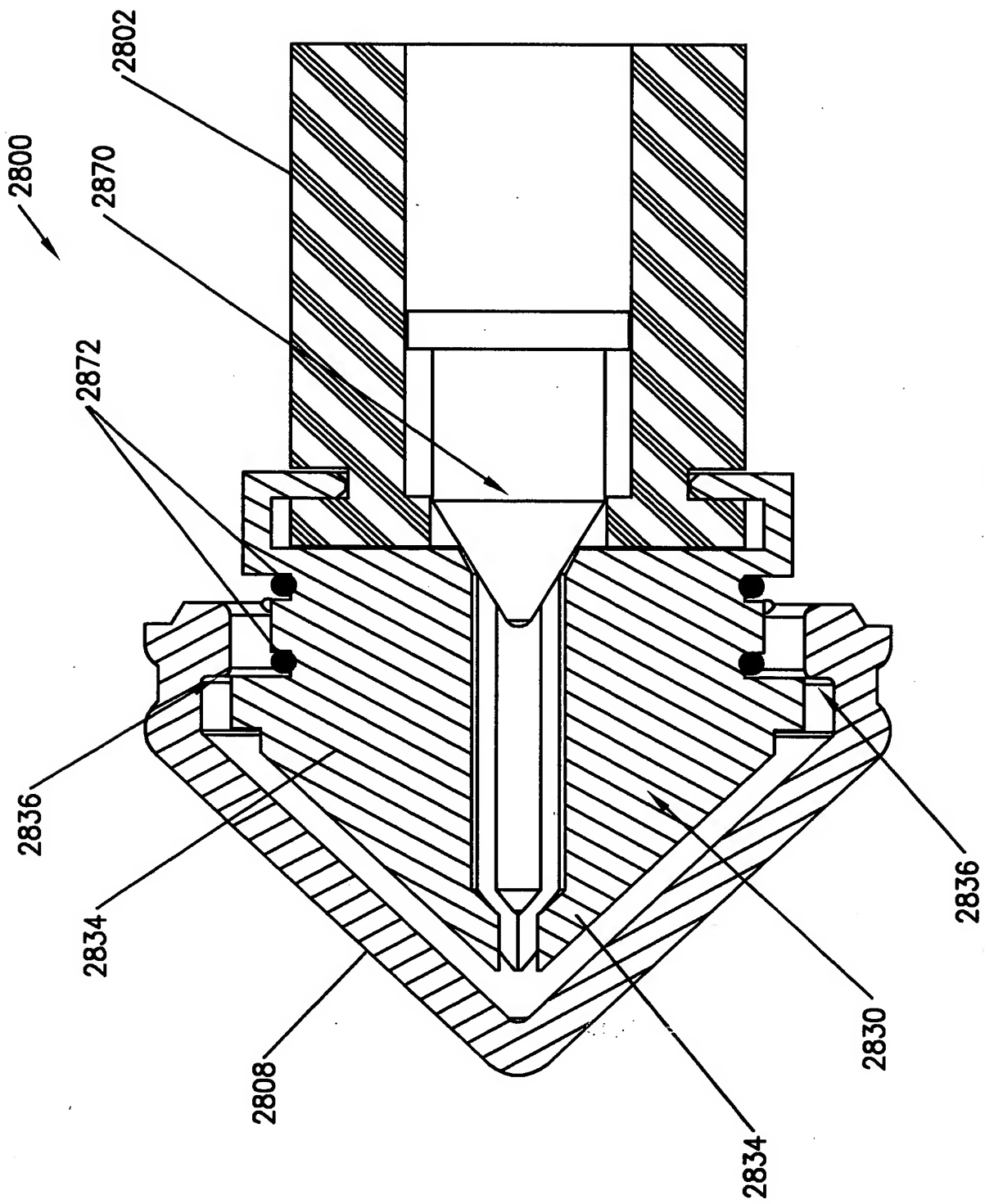


FIG. 53C

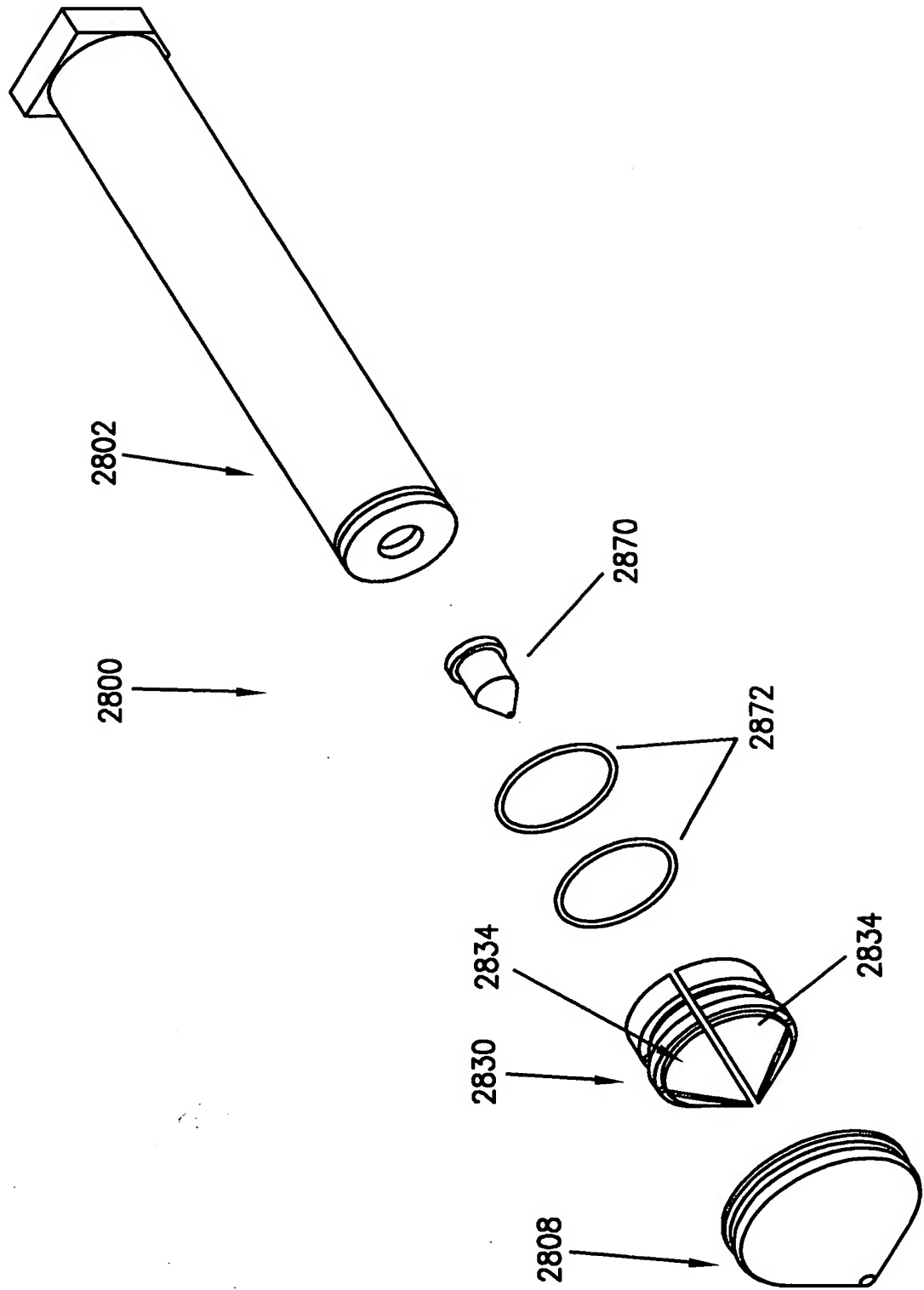


FIG. 53D

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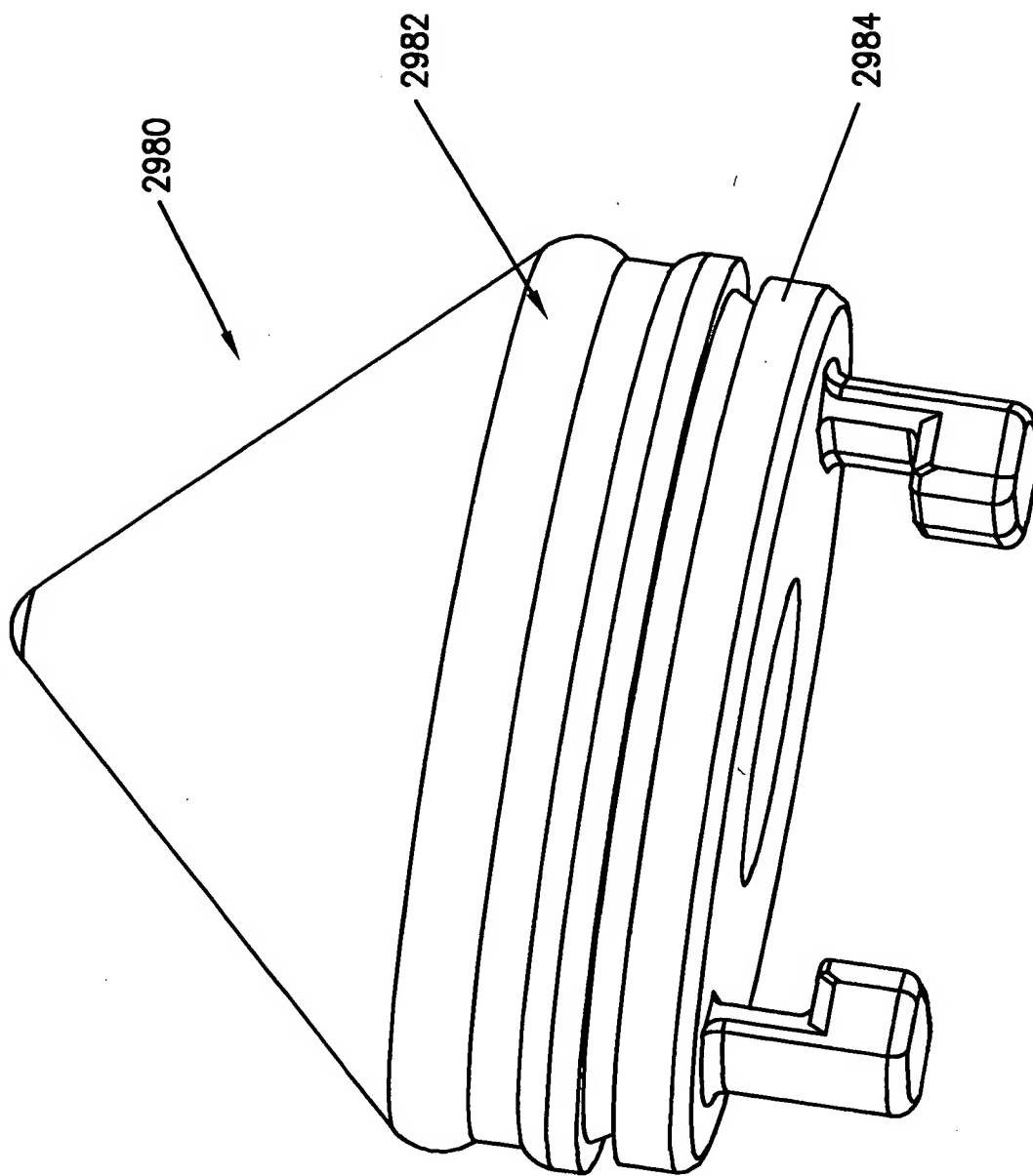


FIG. 54A

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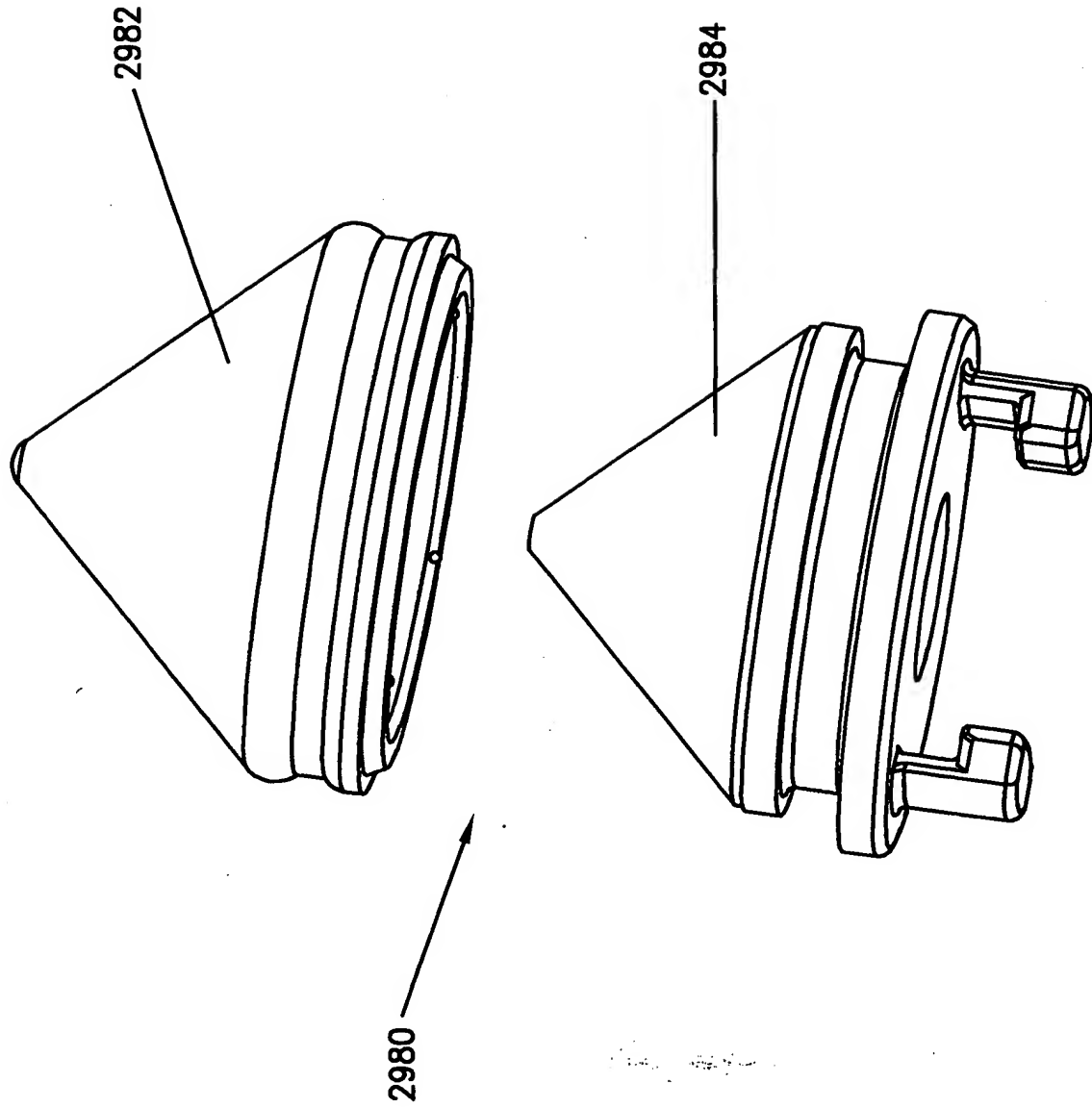


FIG. 54B

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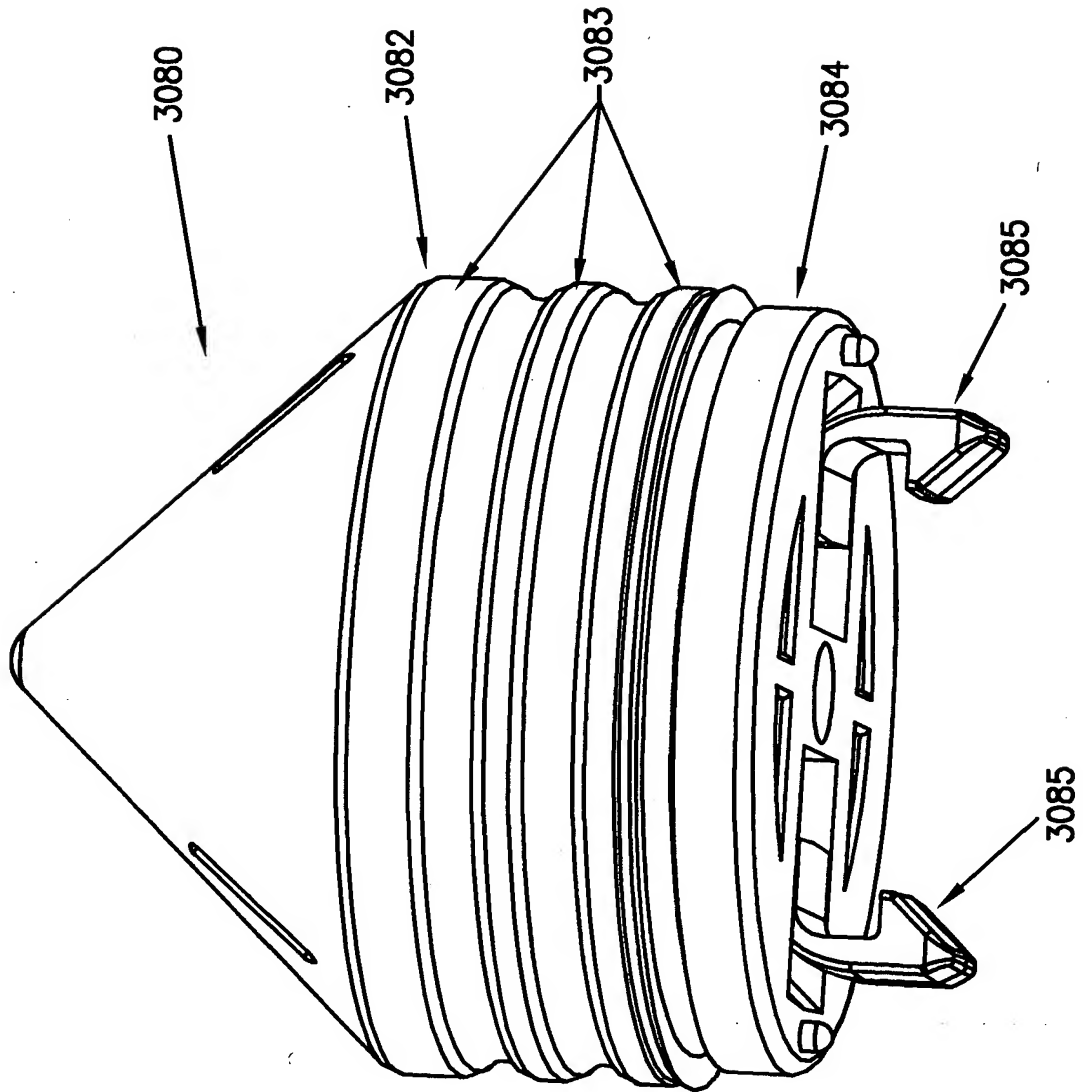


FIG. 54C



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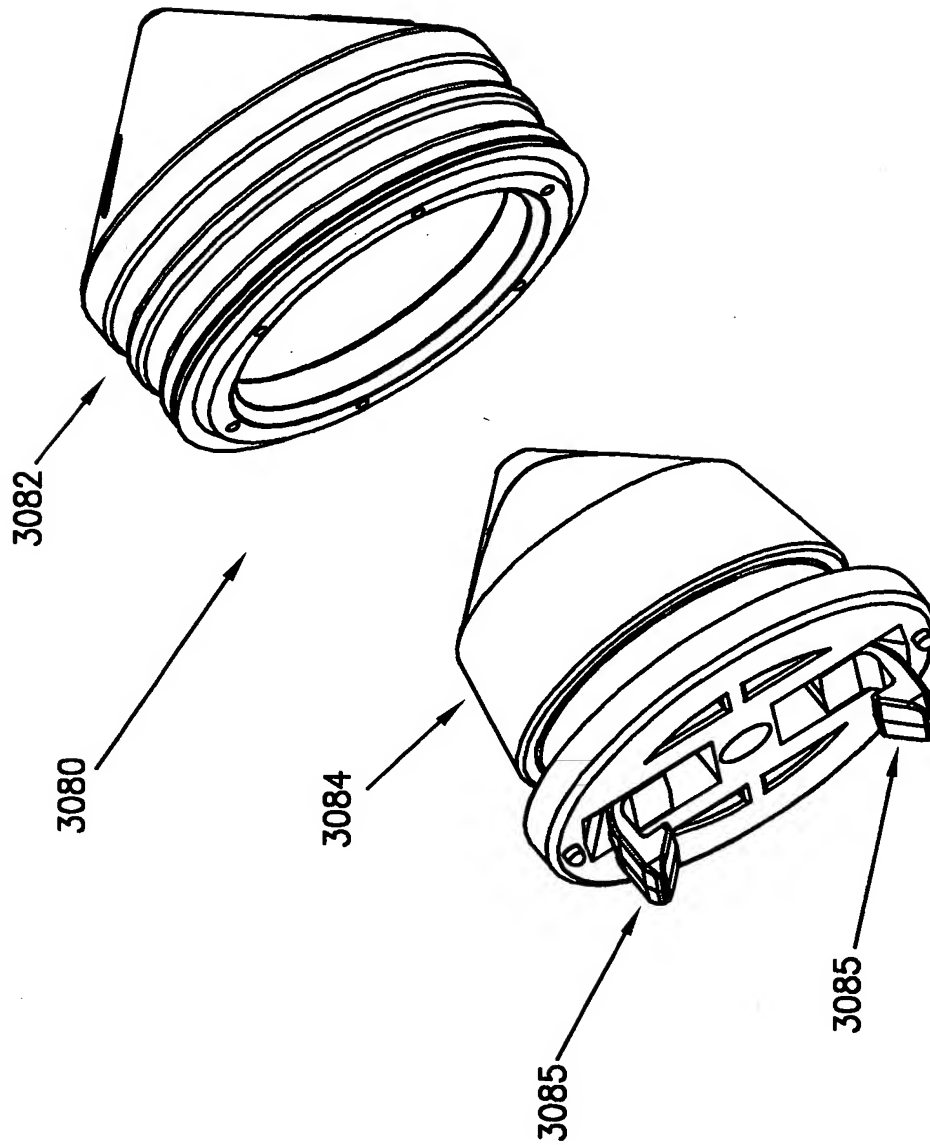


FIG. 54D

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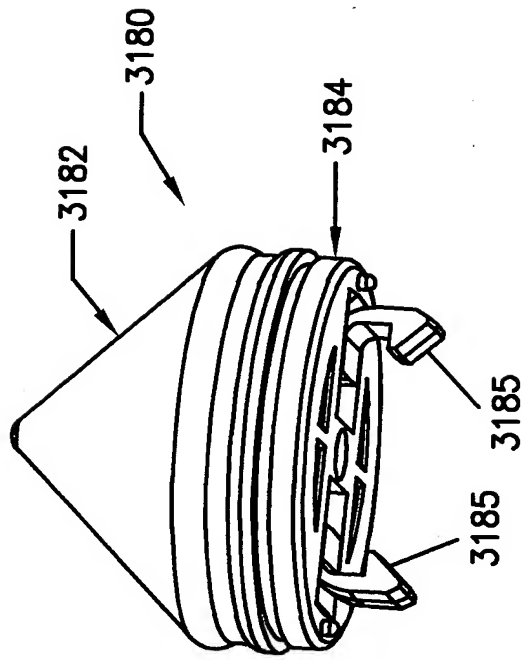


FIG. 54E

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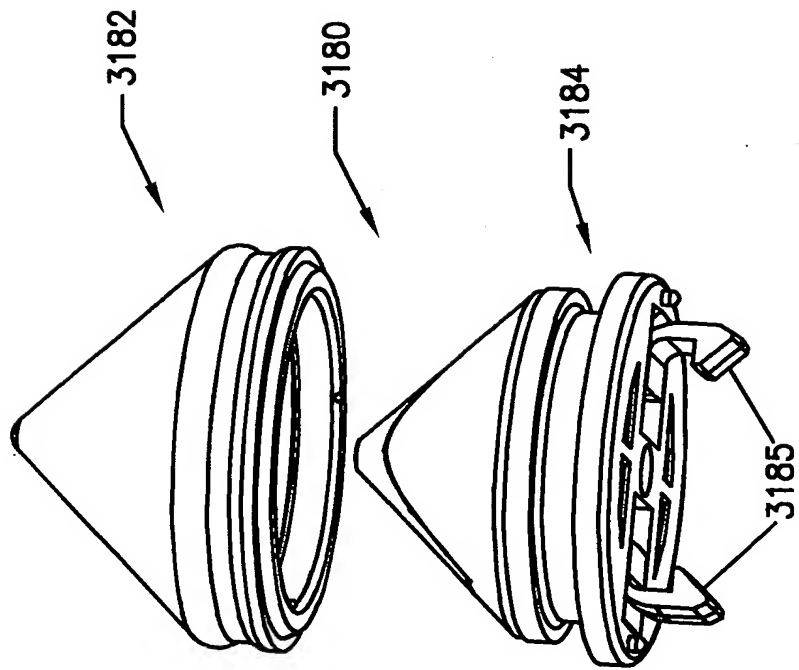


FIG. 54F

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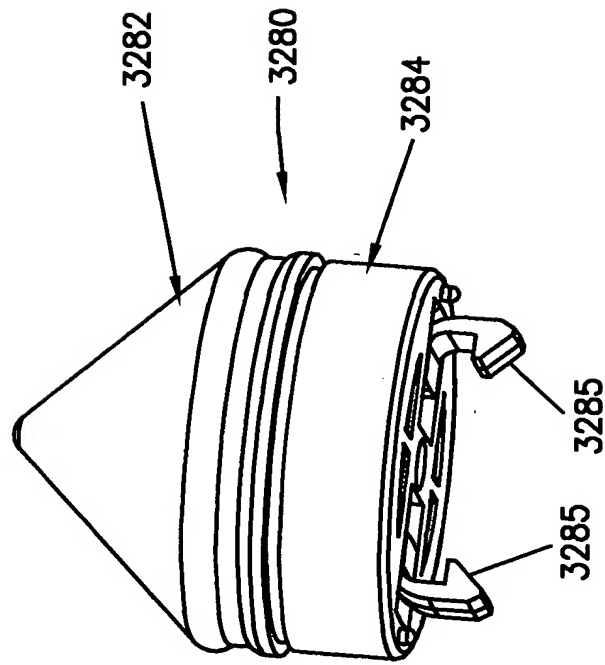


FIG. 54G

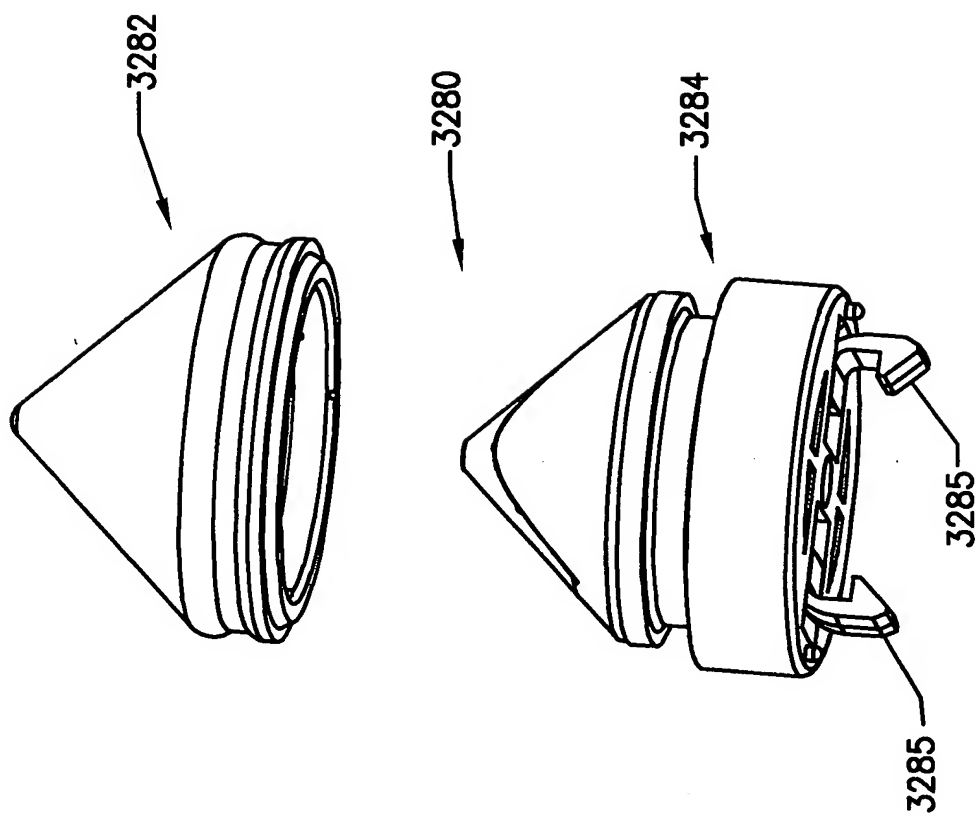


FIG. 54H



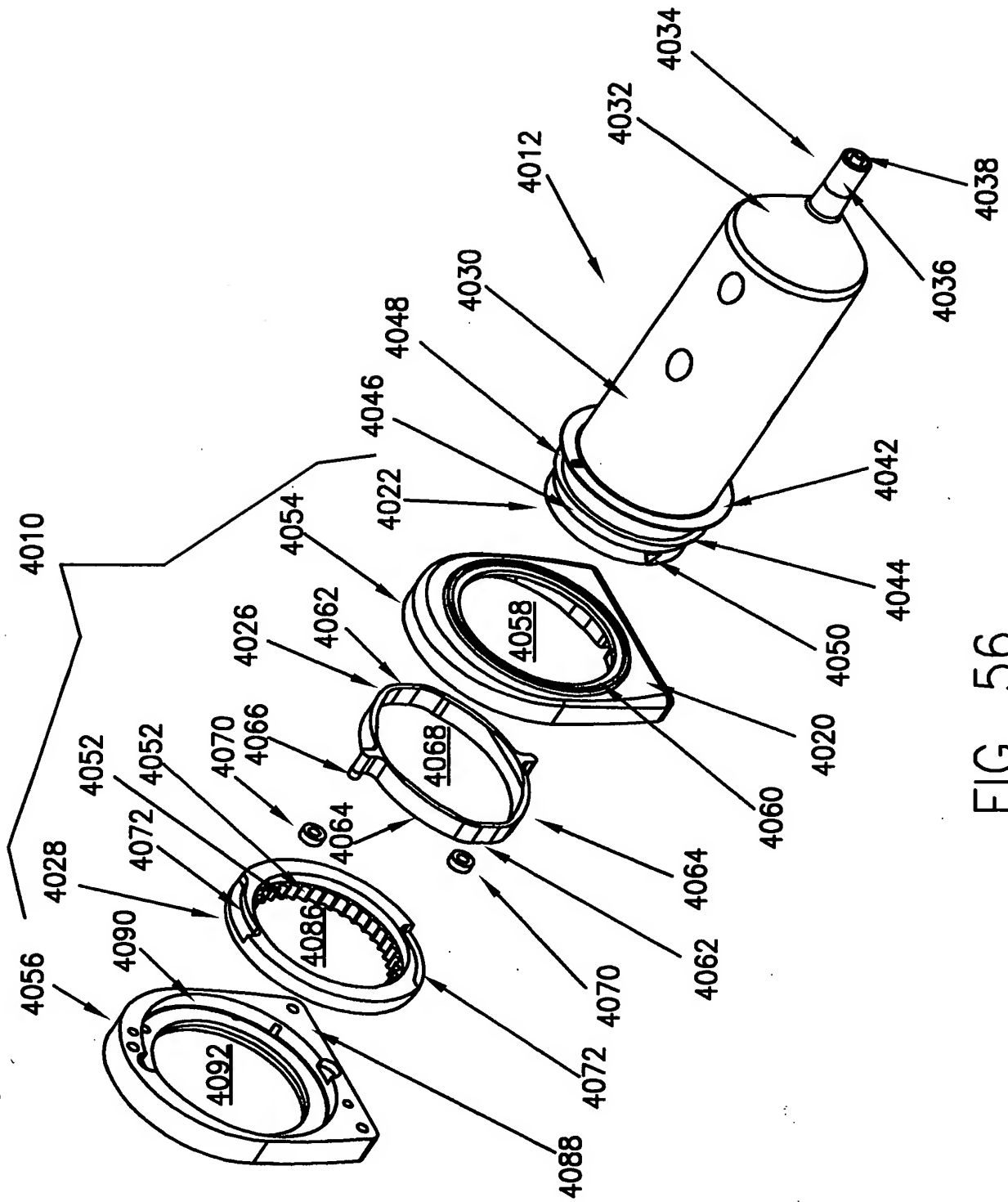


FIG. 56

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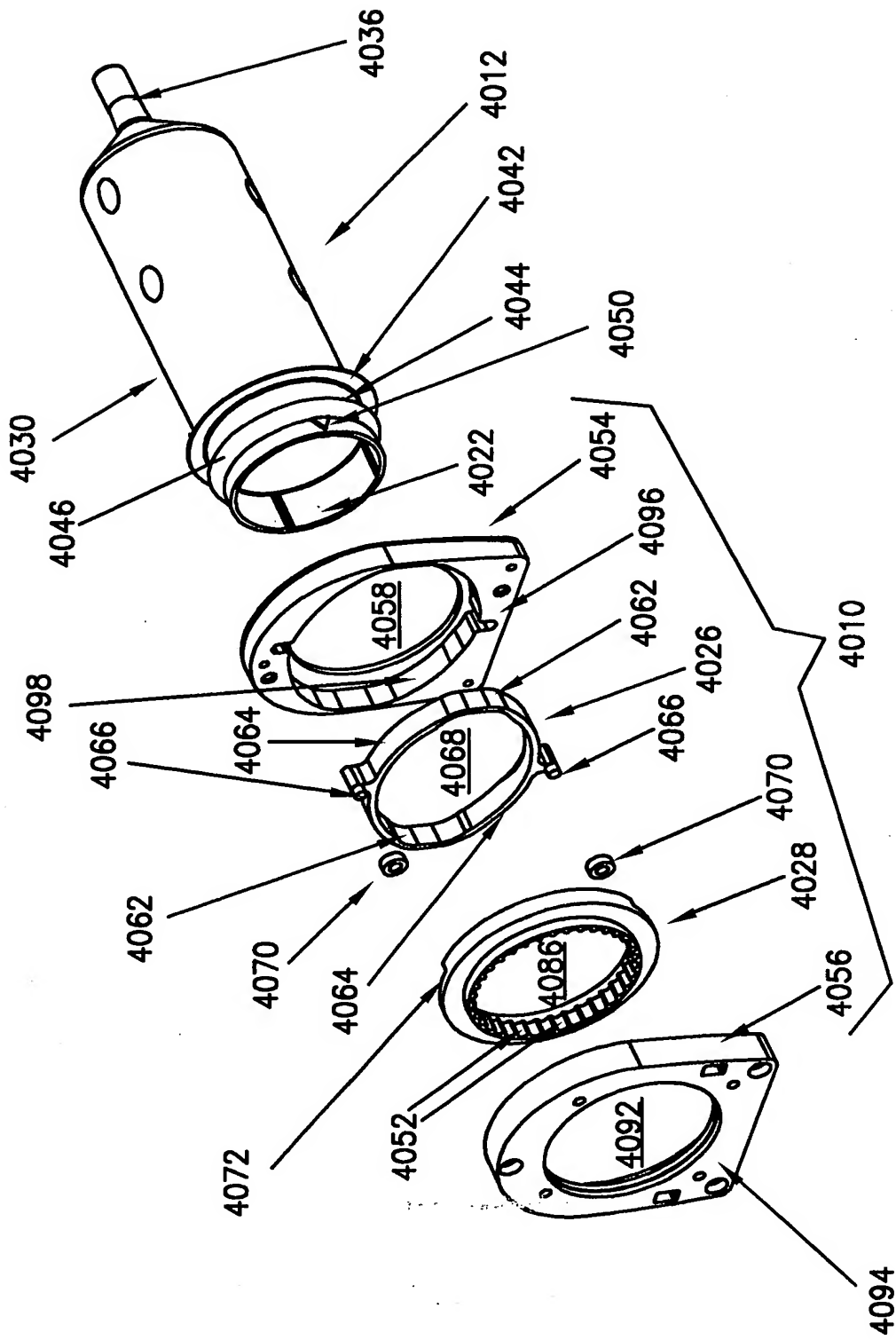


FIG. 57



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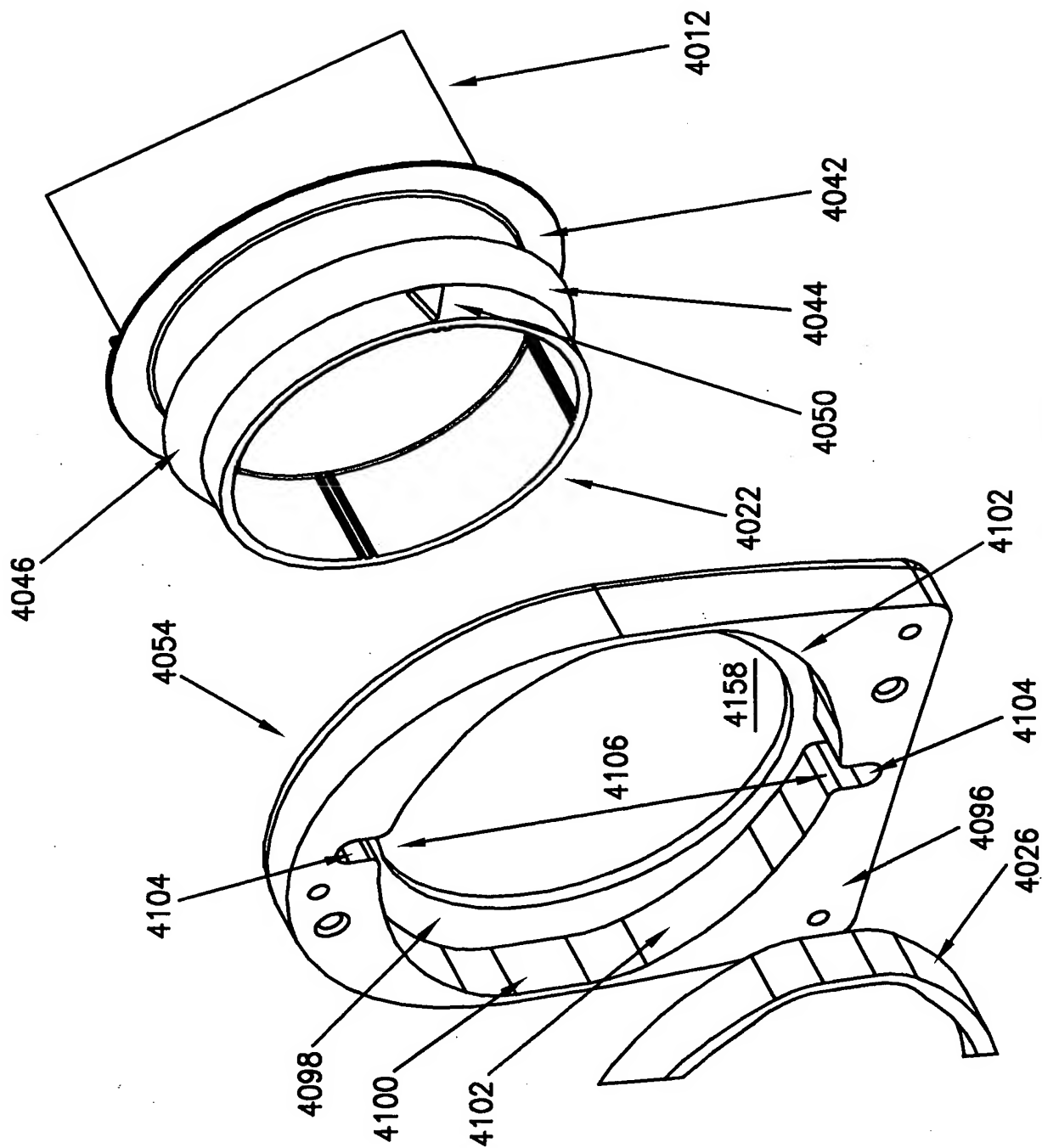


FIG. 58

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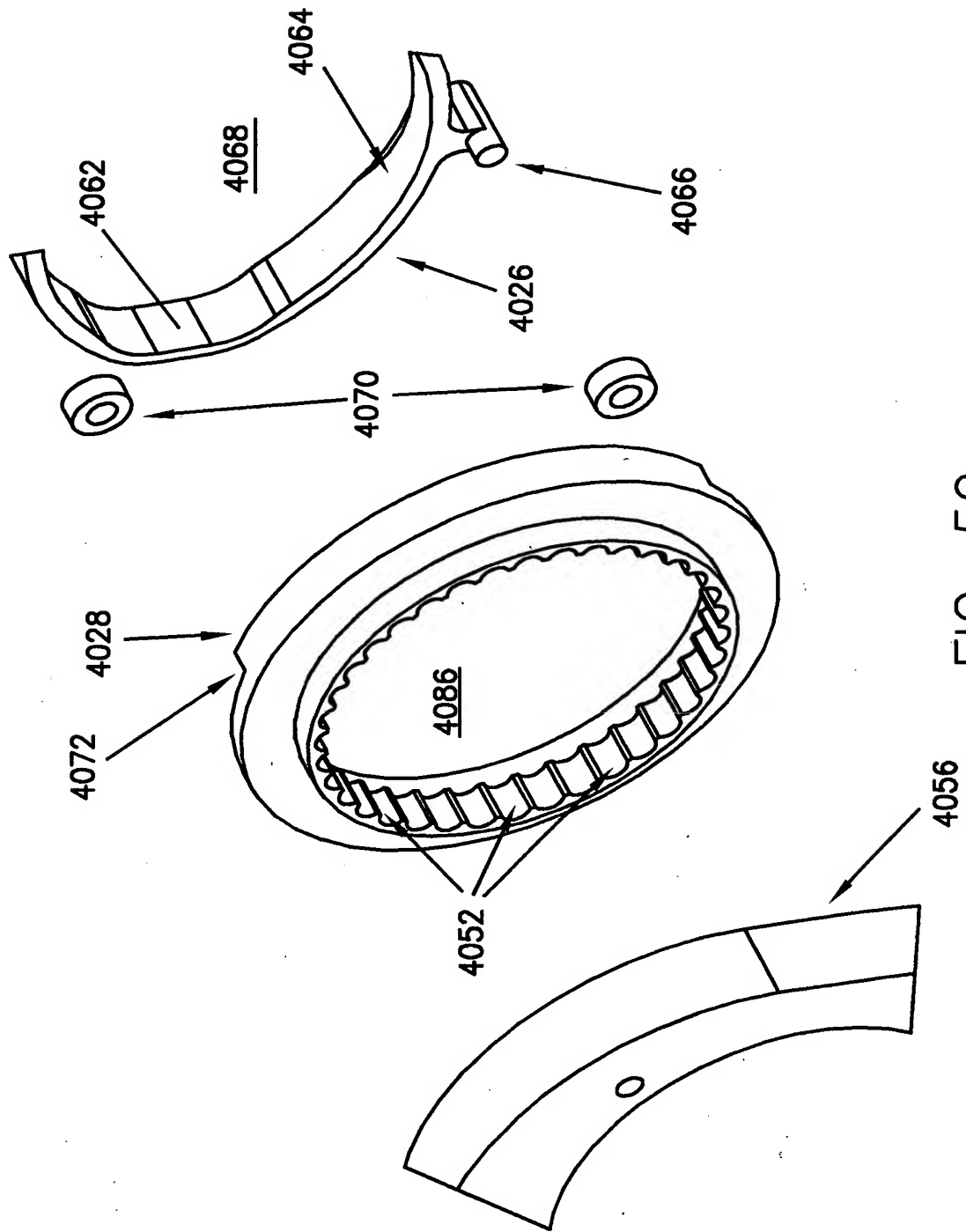


FIG. 59

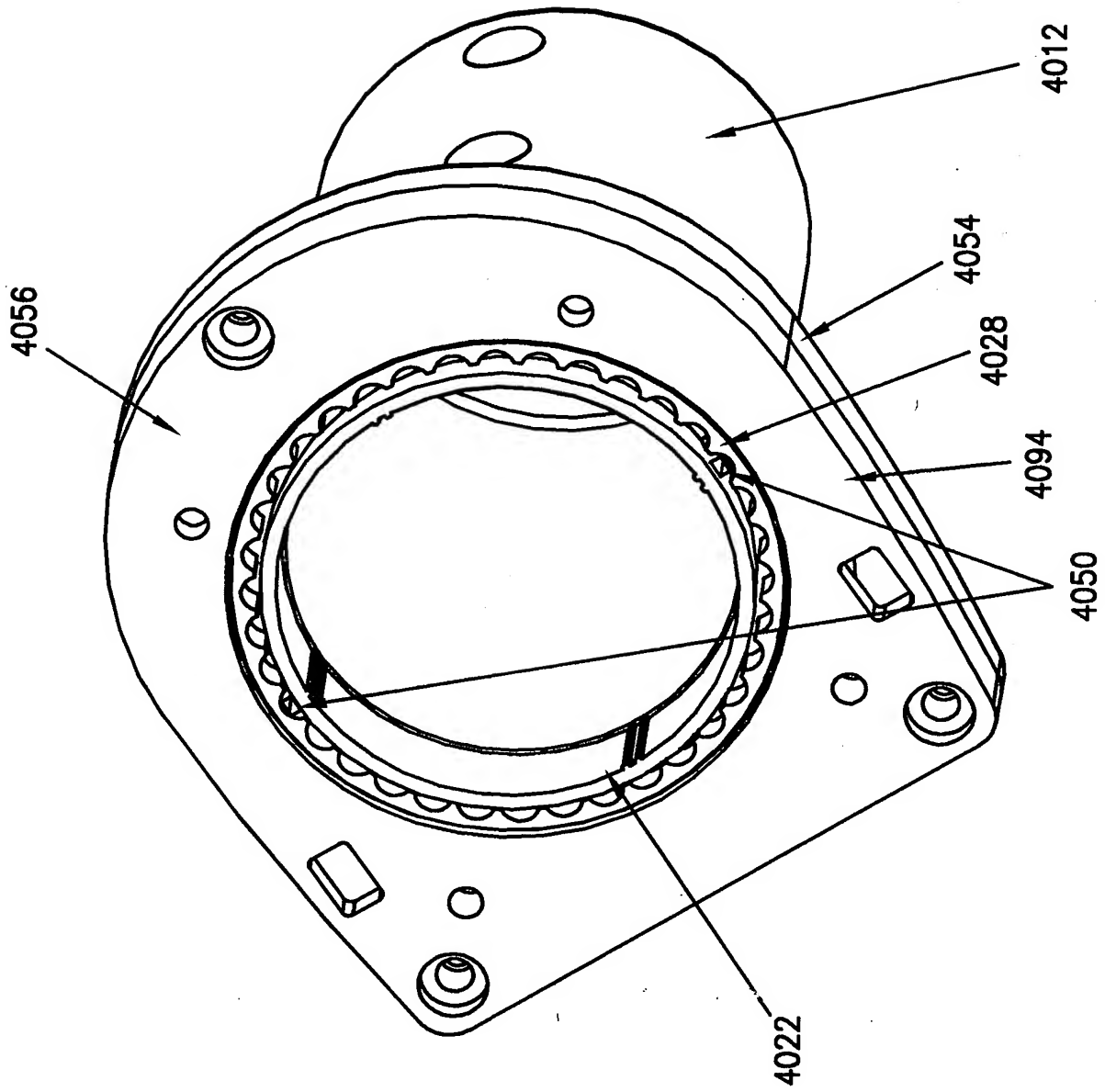


FIG. 60

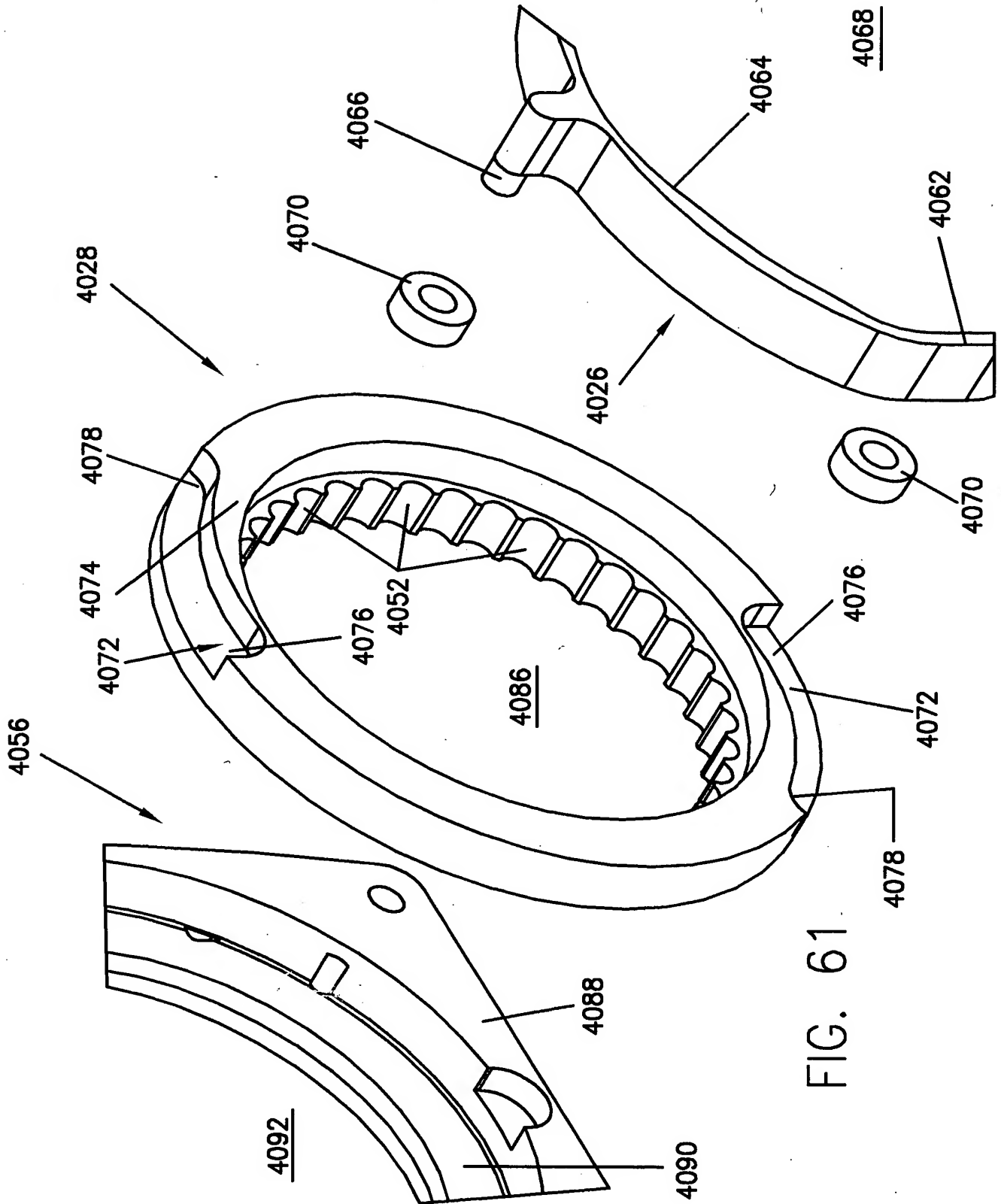


FIG. 61

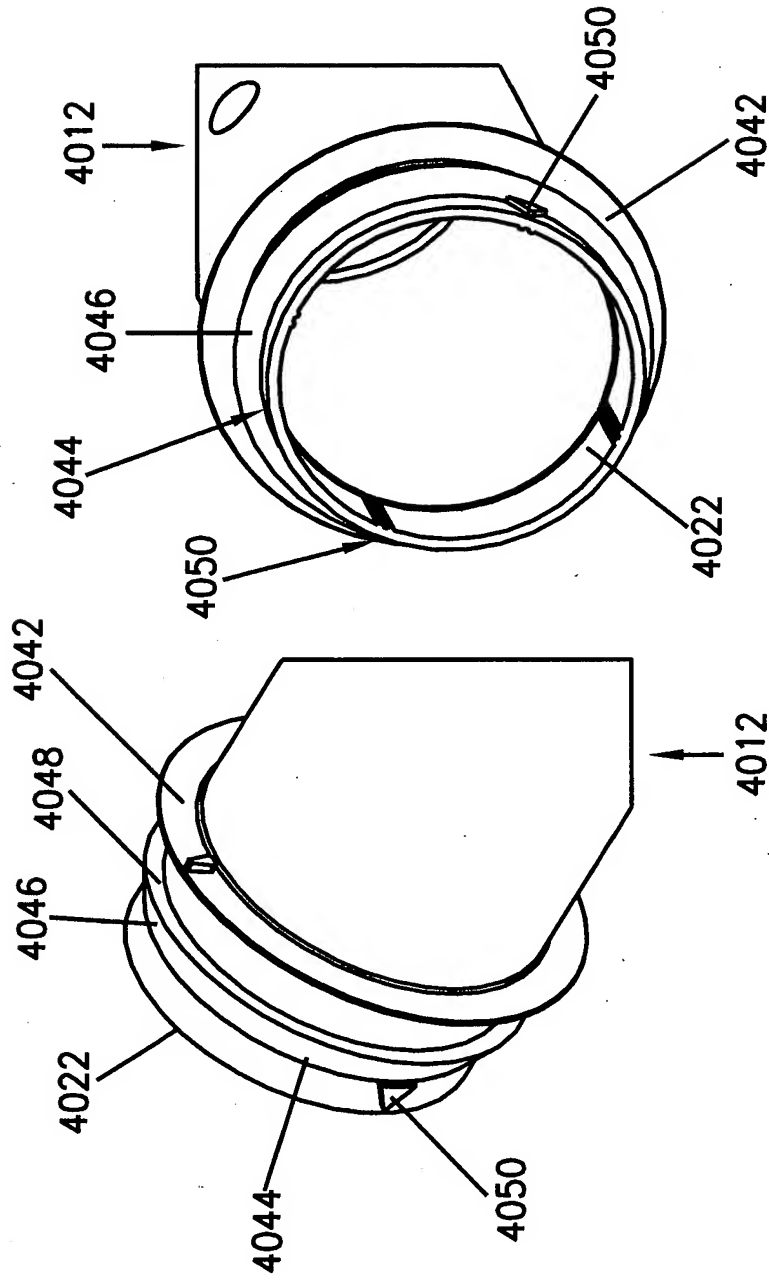


FIG. 63

FIG. 62

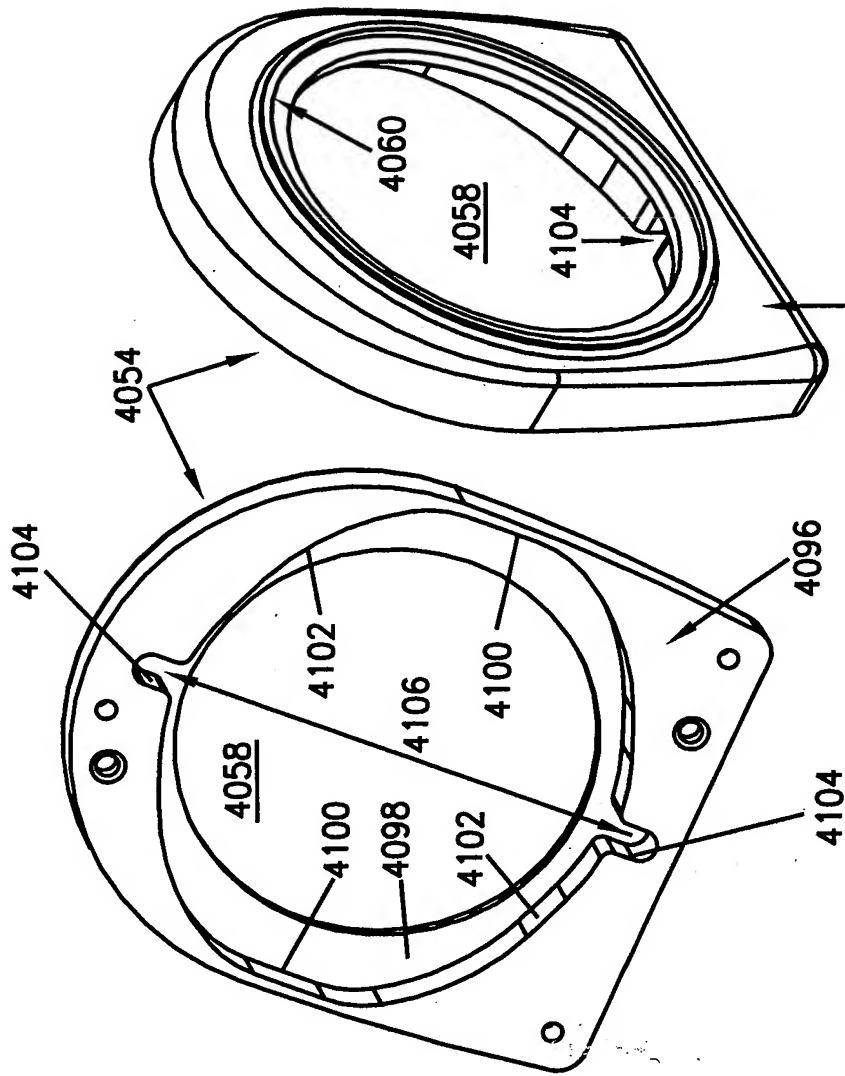


FIG. 64

FIG. 65

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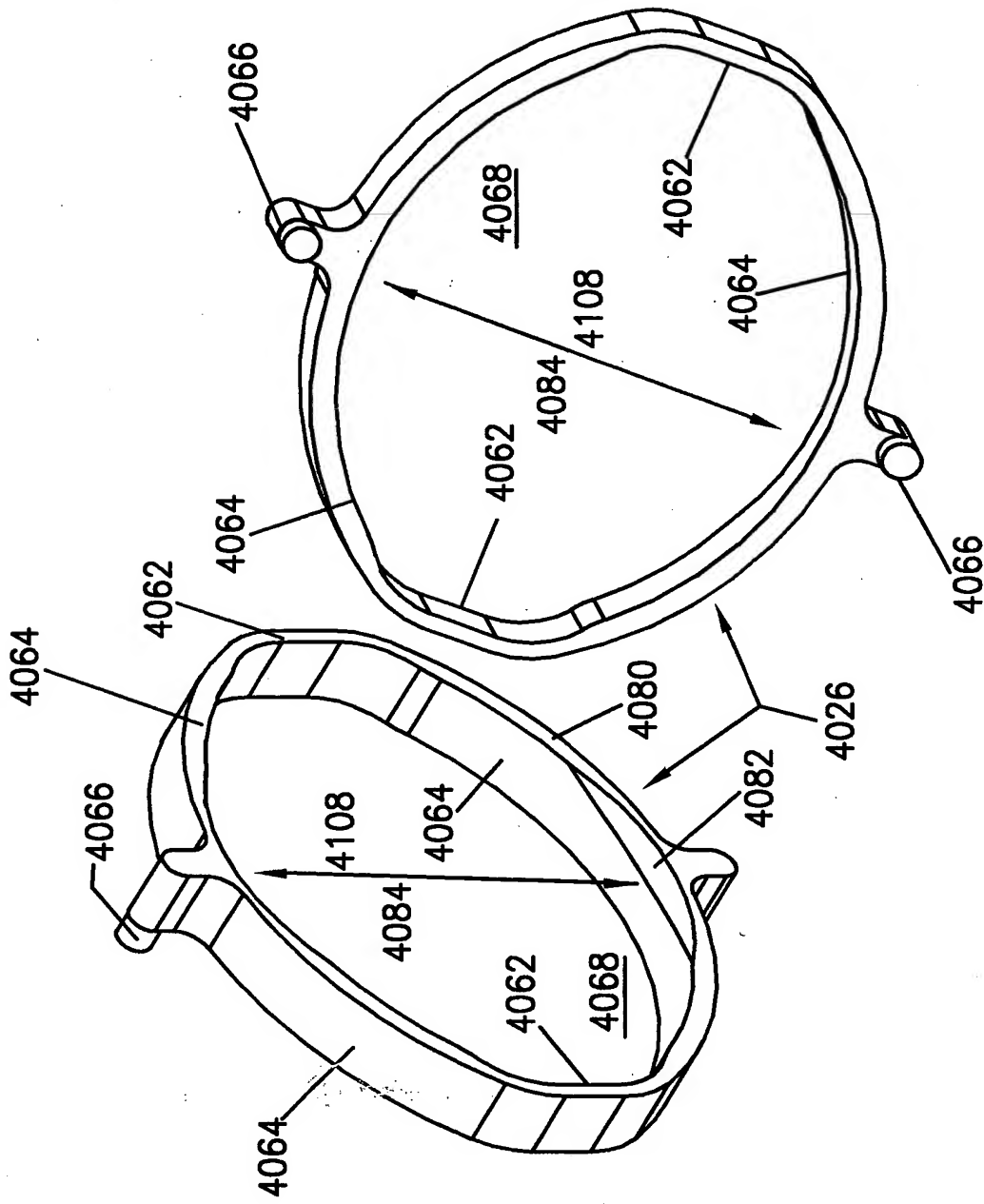


FIG. 67

FIG. 66

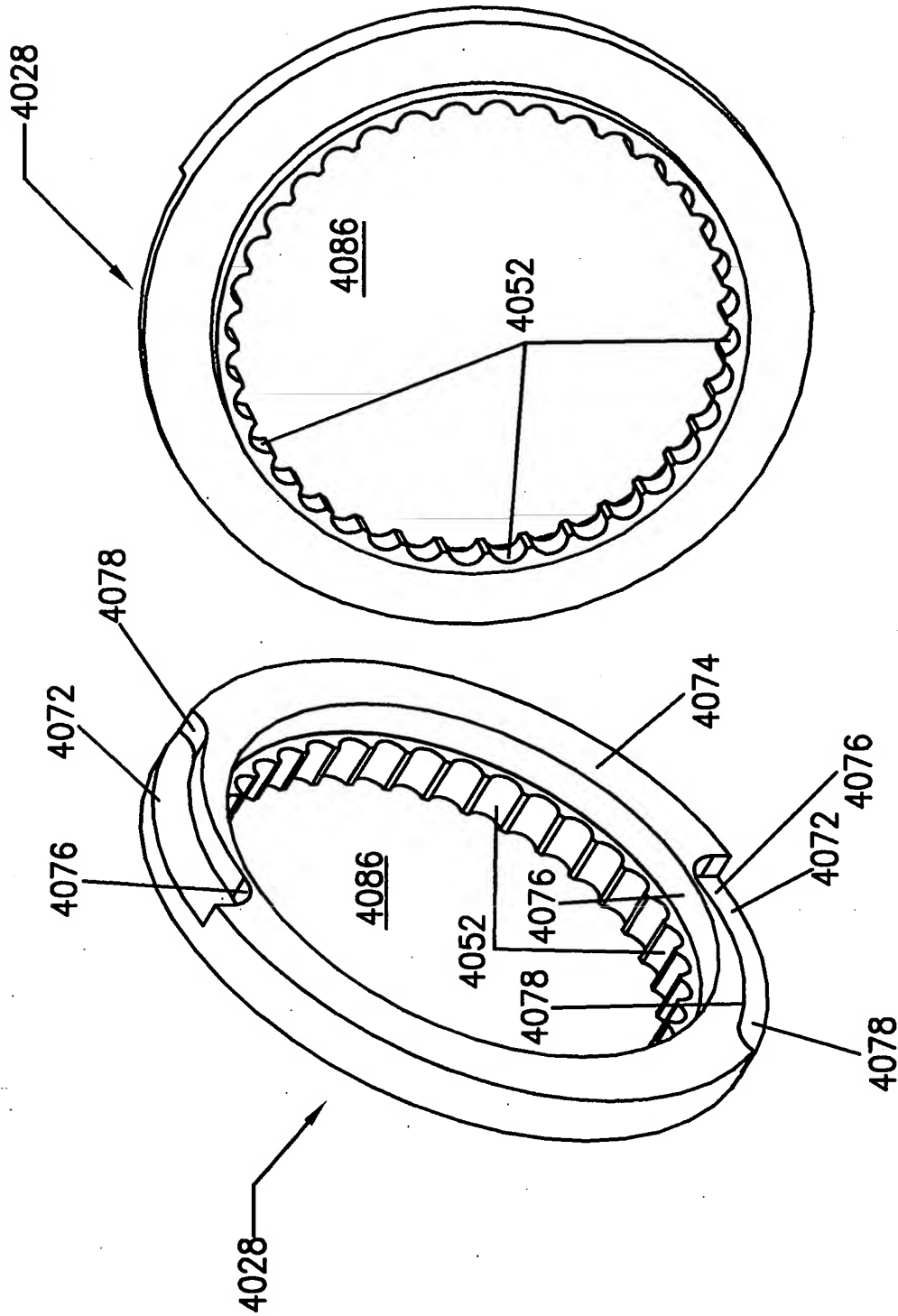


FIG. 69

FIG. 68



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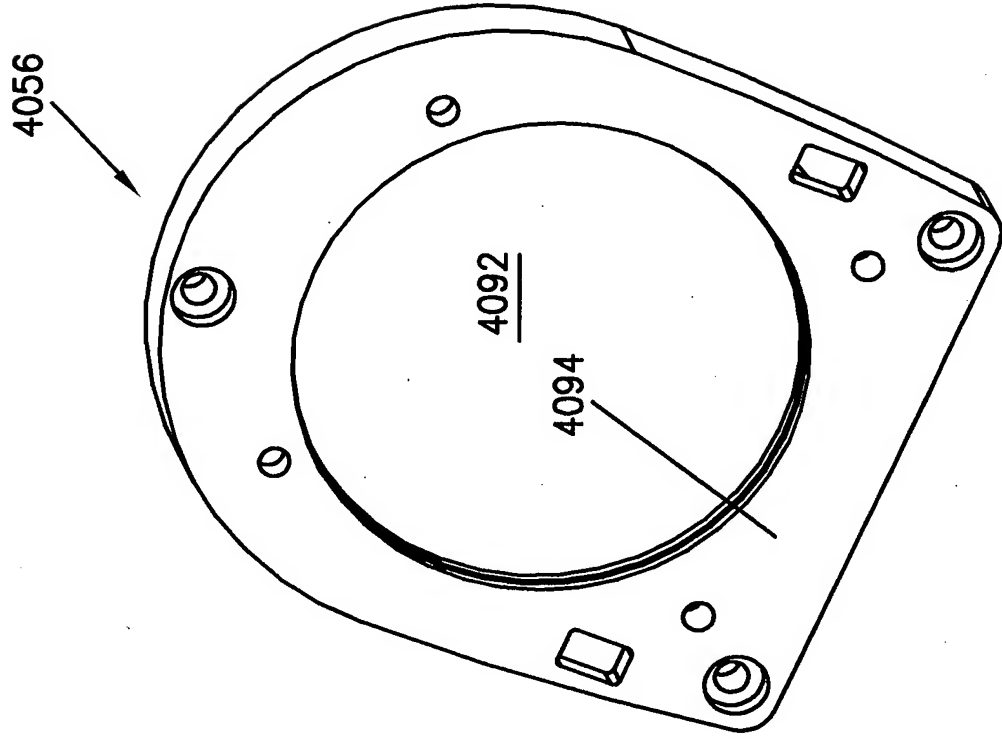


FIG 71

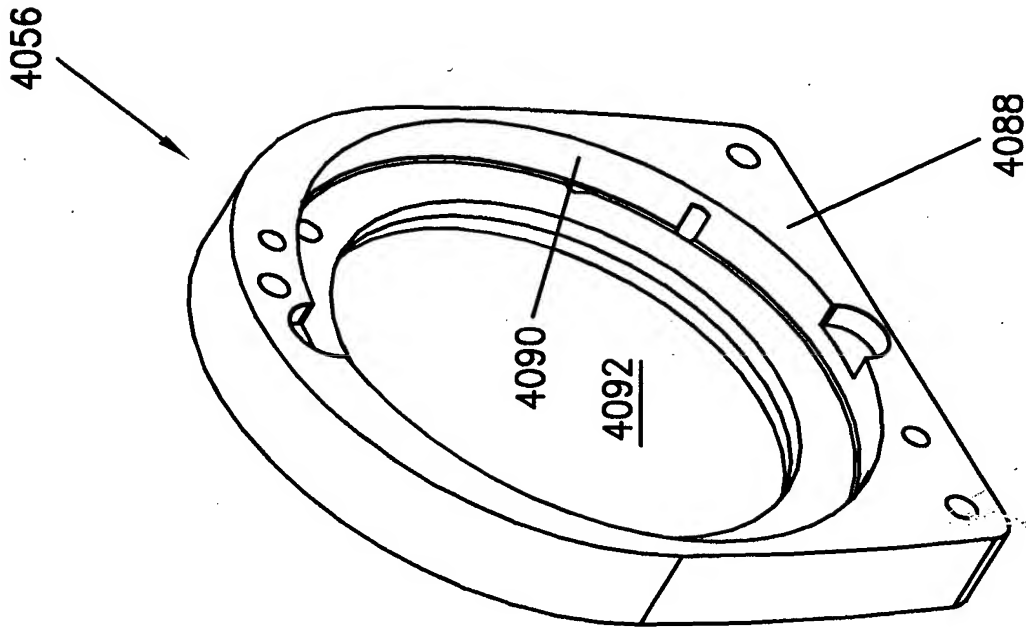


FIG 70



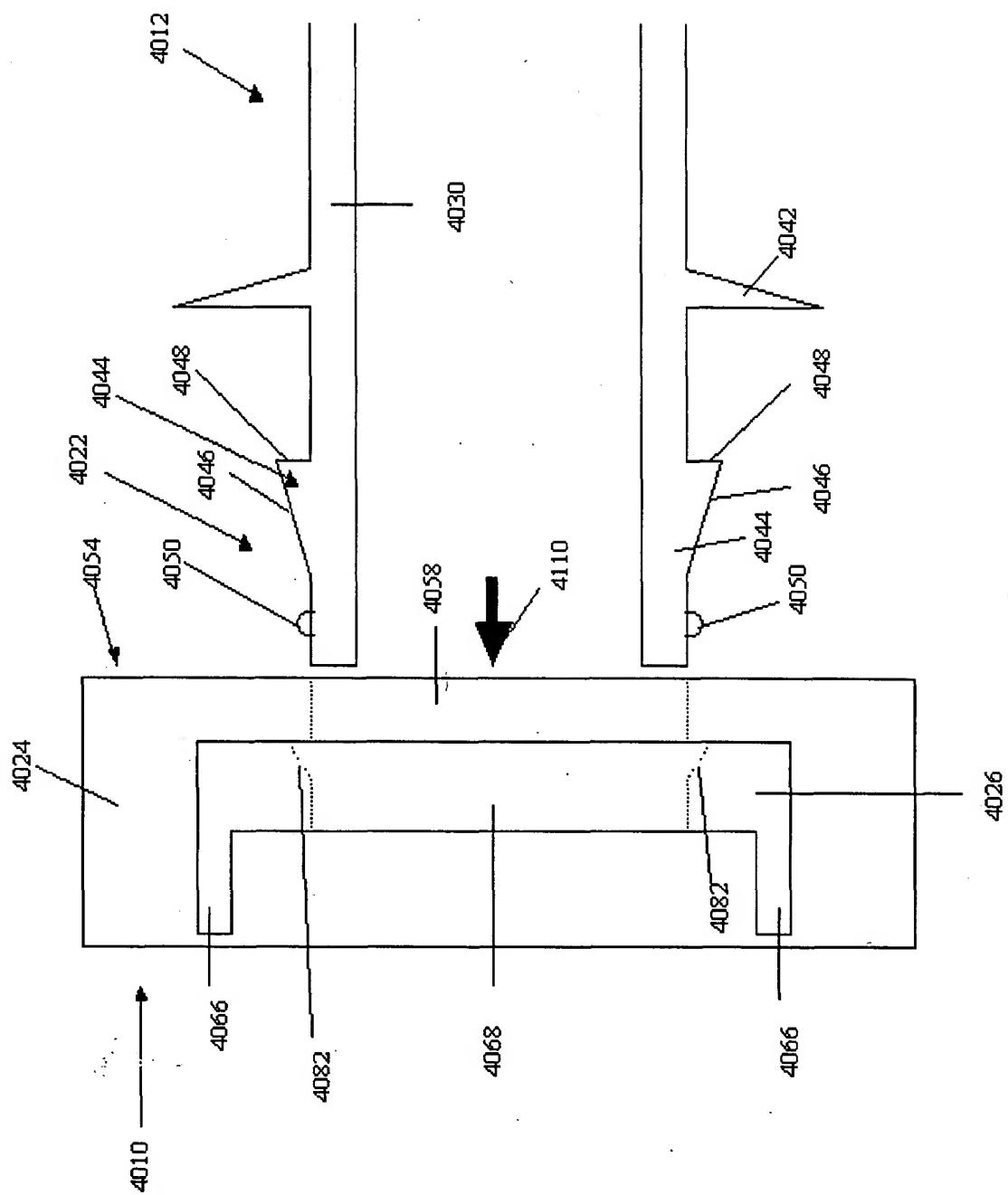


FIG. 74

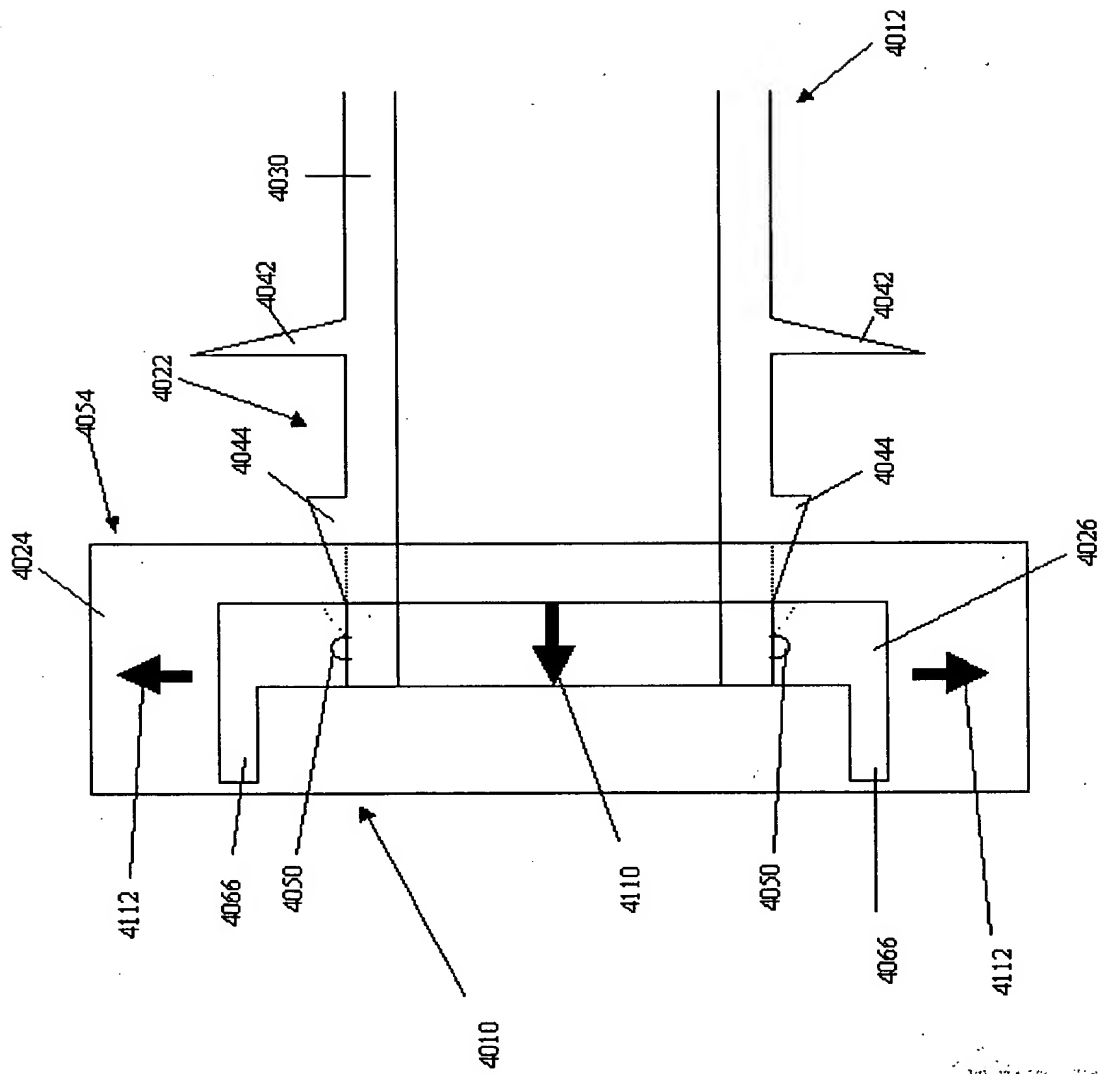


FIG. 75

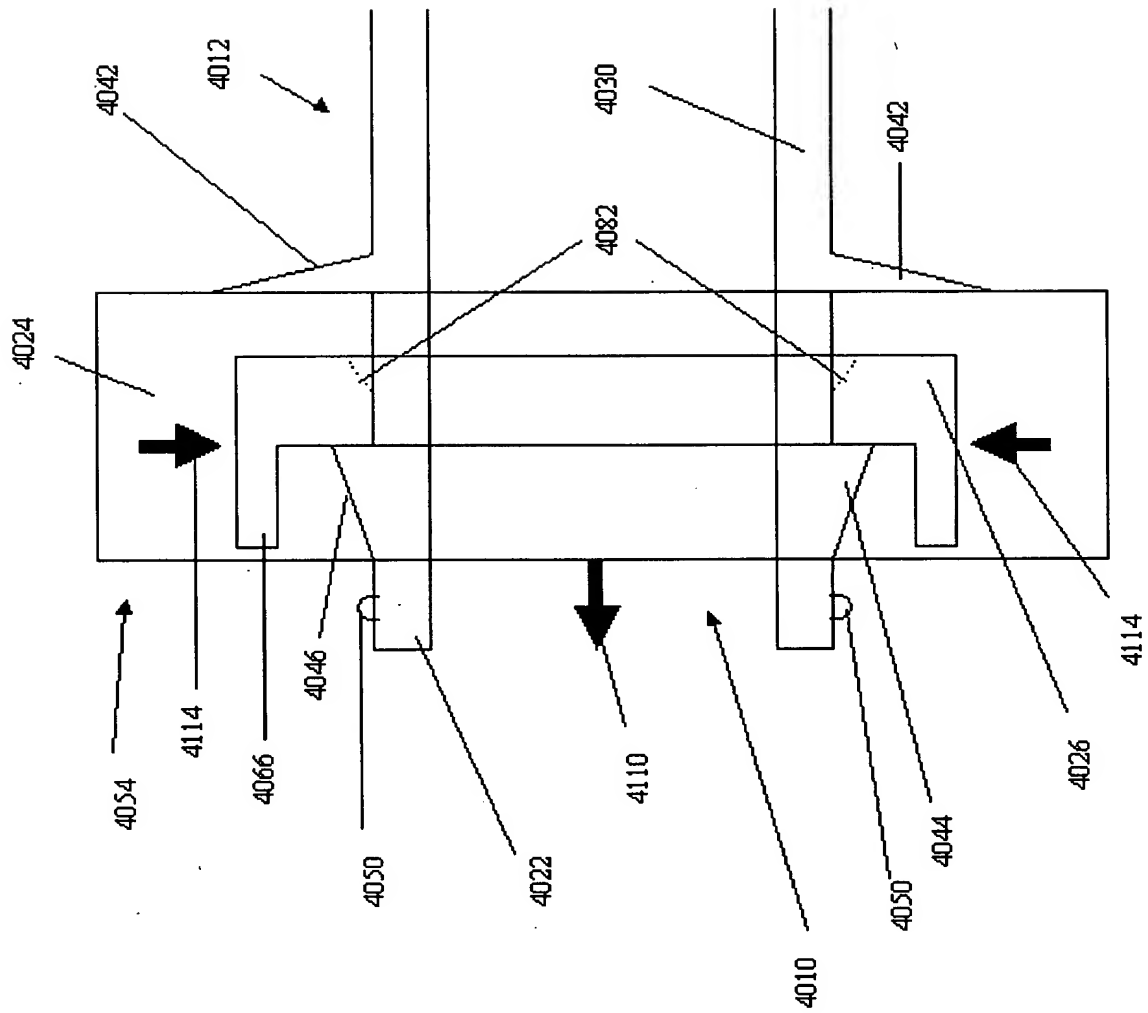


FIG. 76

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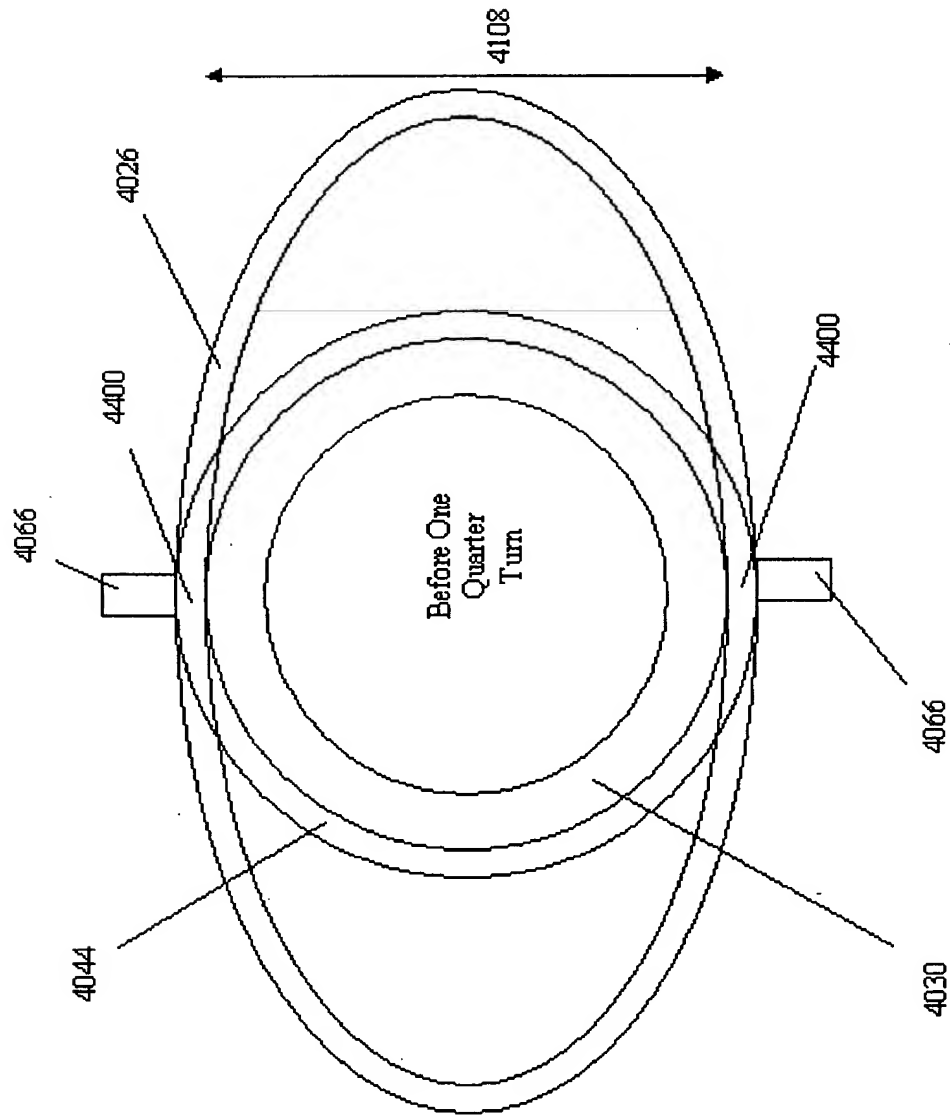


FIG. 77

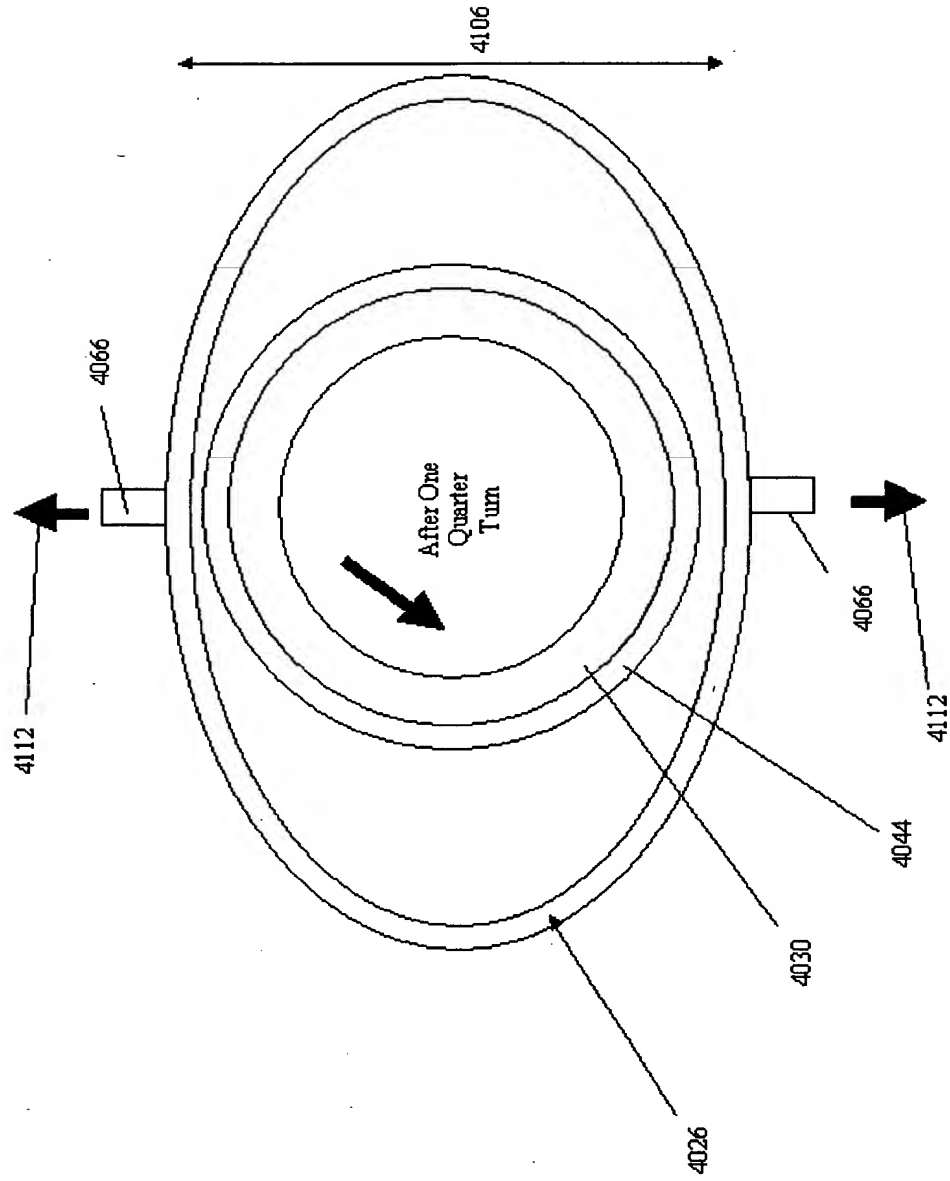


FIG. 78

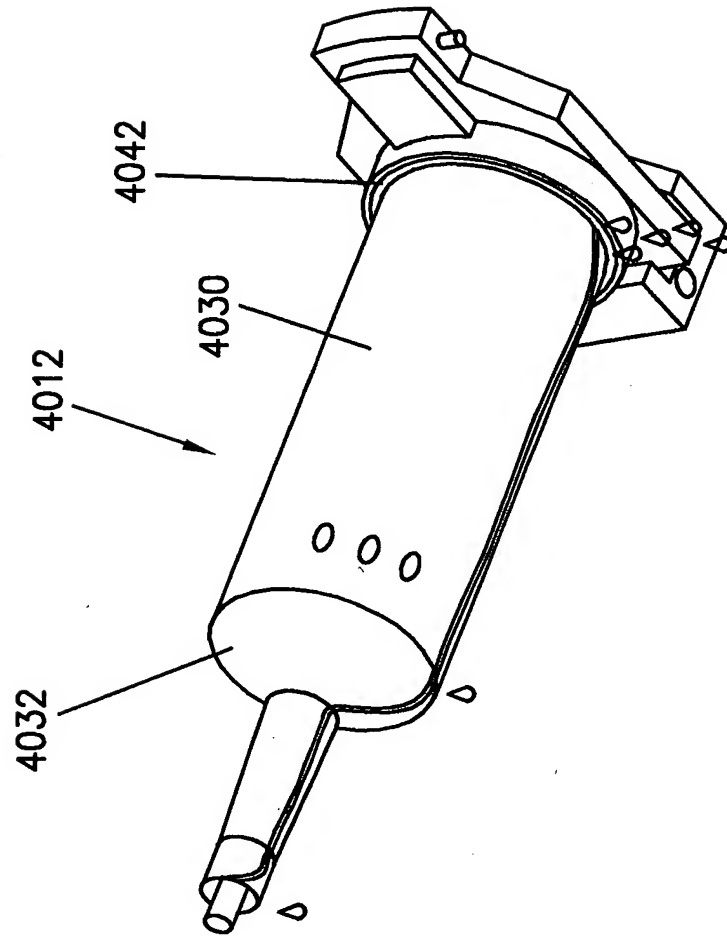
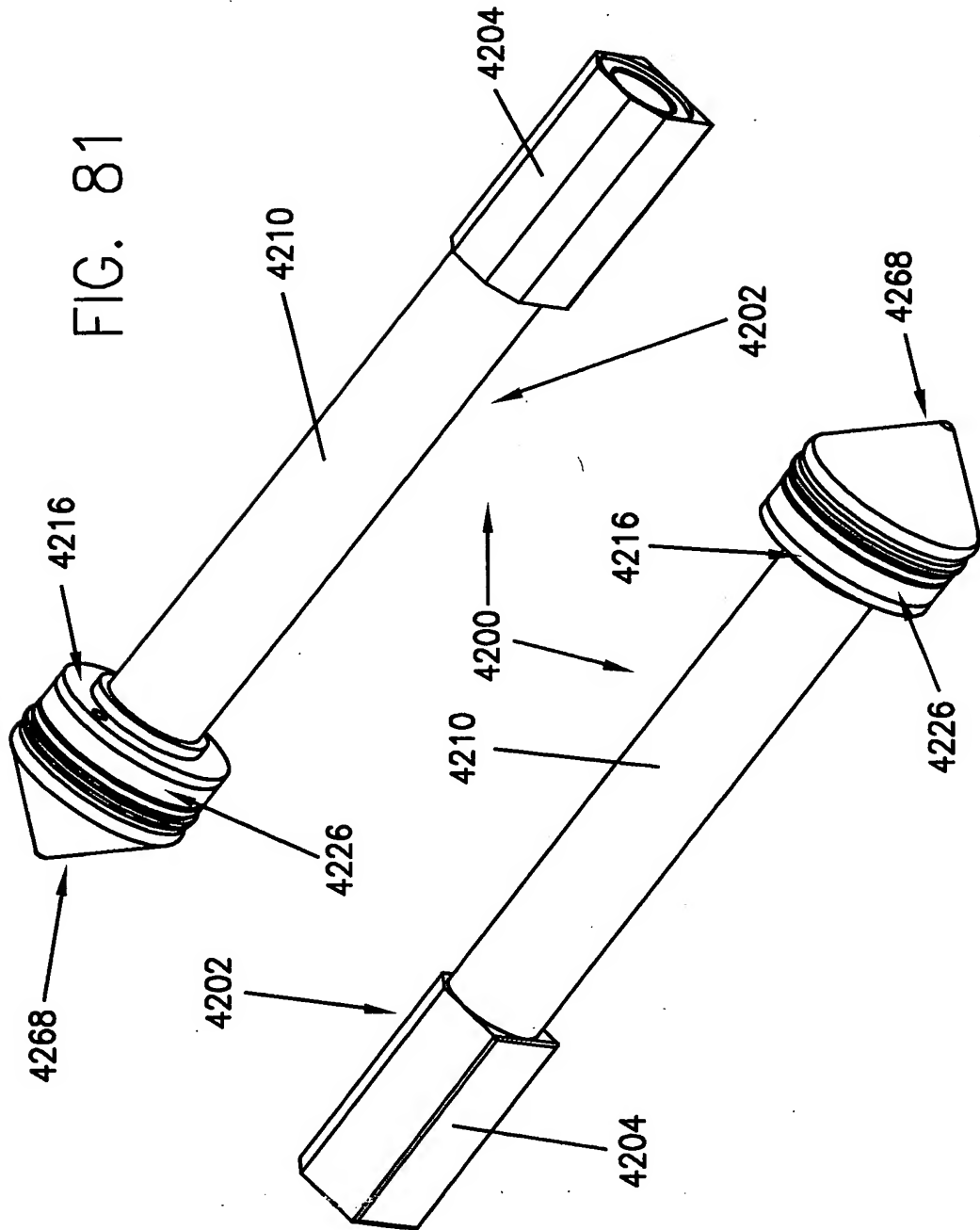


FIG. 79





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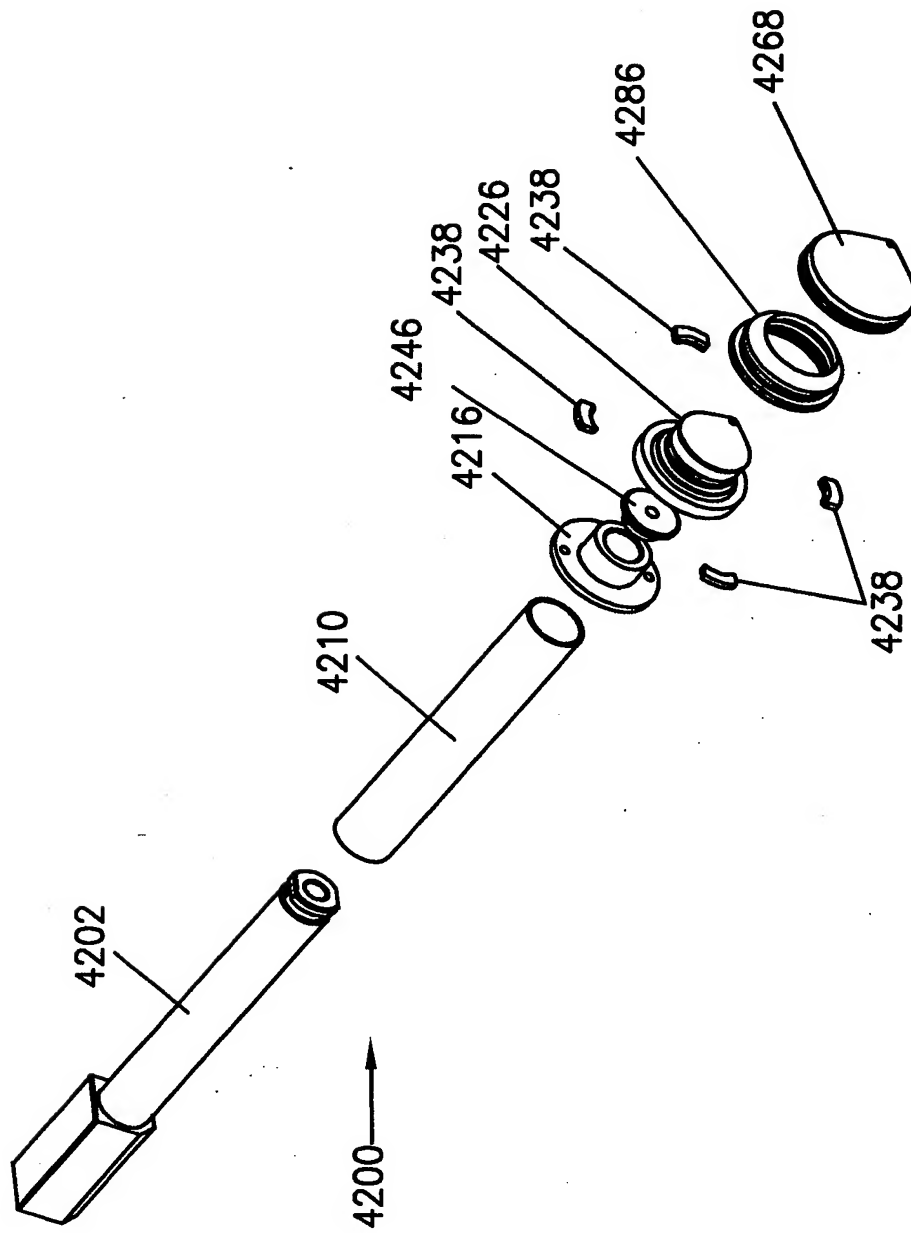


FIG. 82

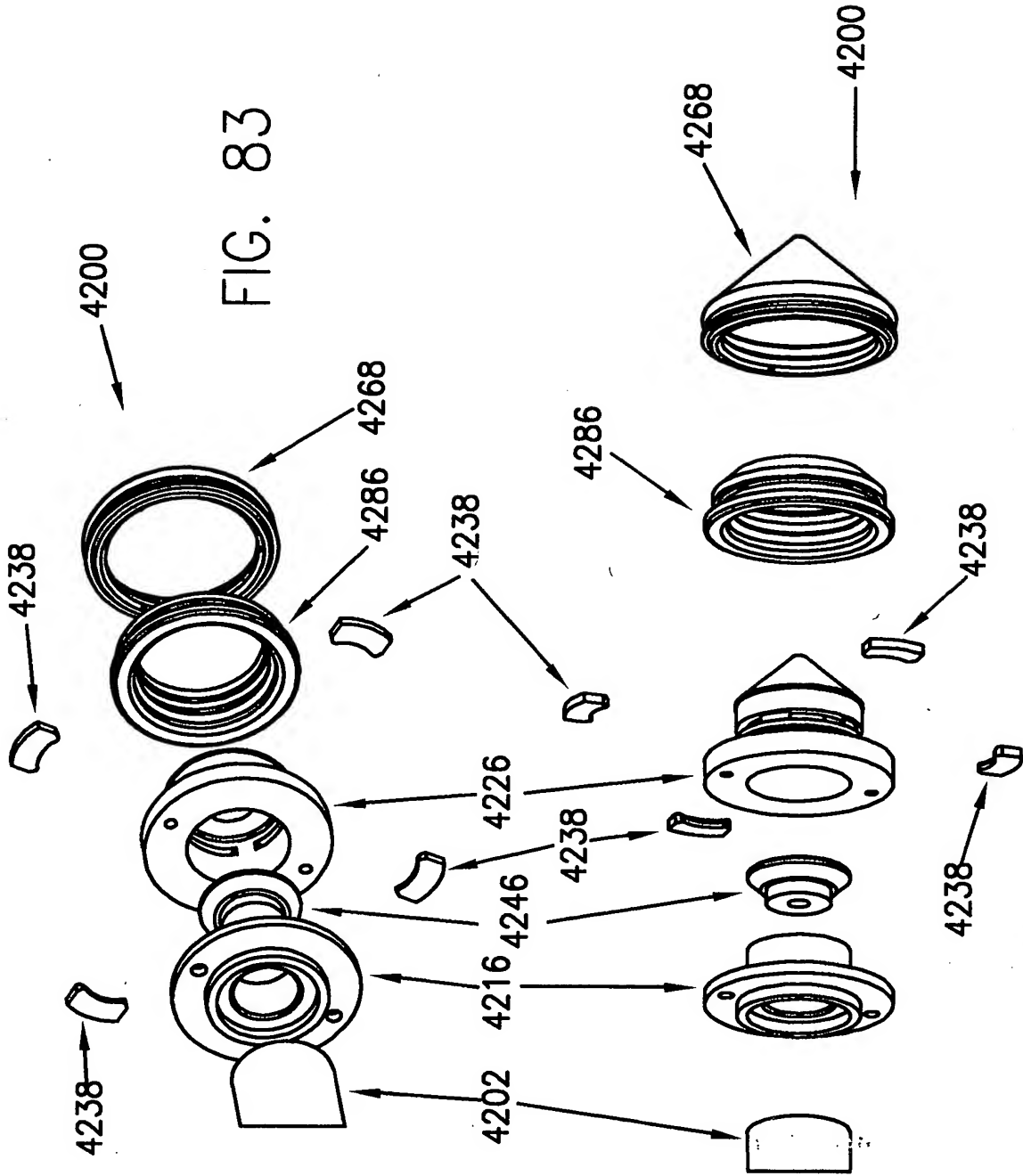


FIG. 84

FIG. 86

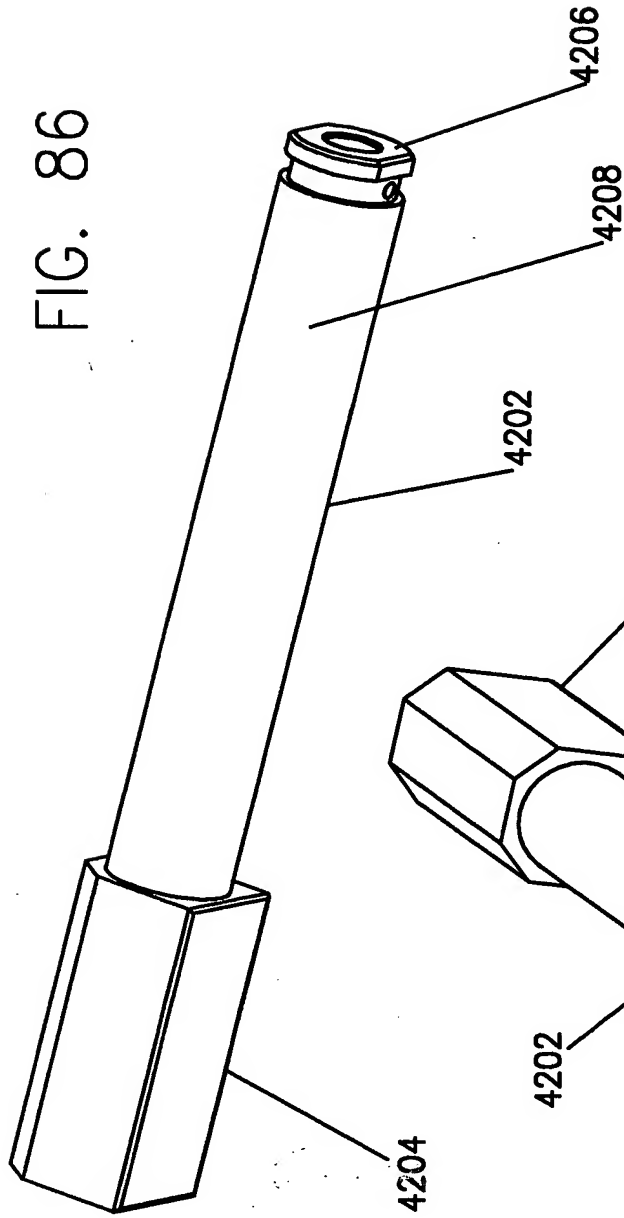
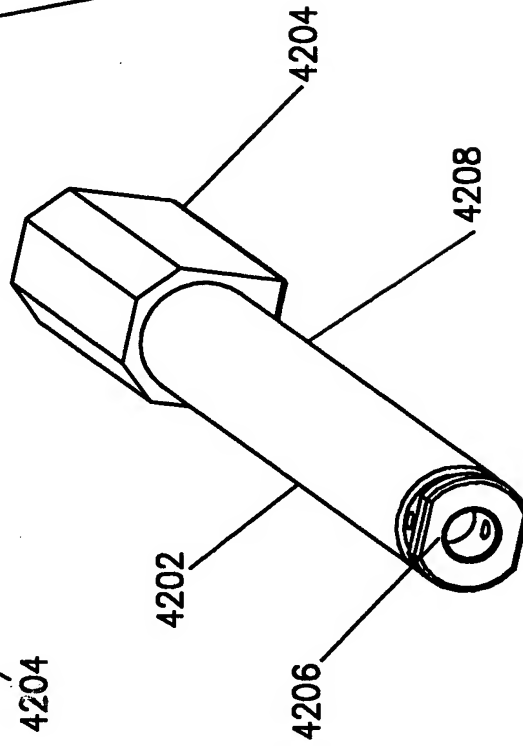


FIG. 85



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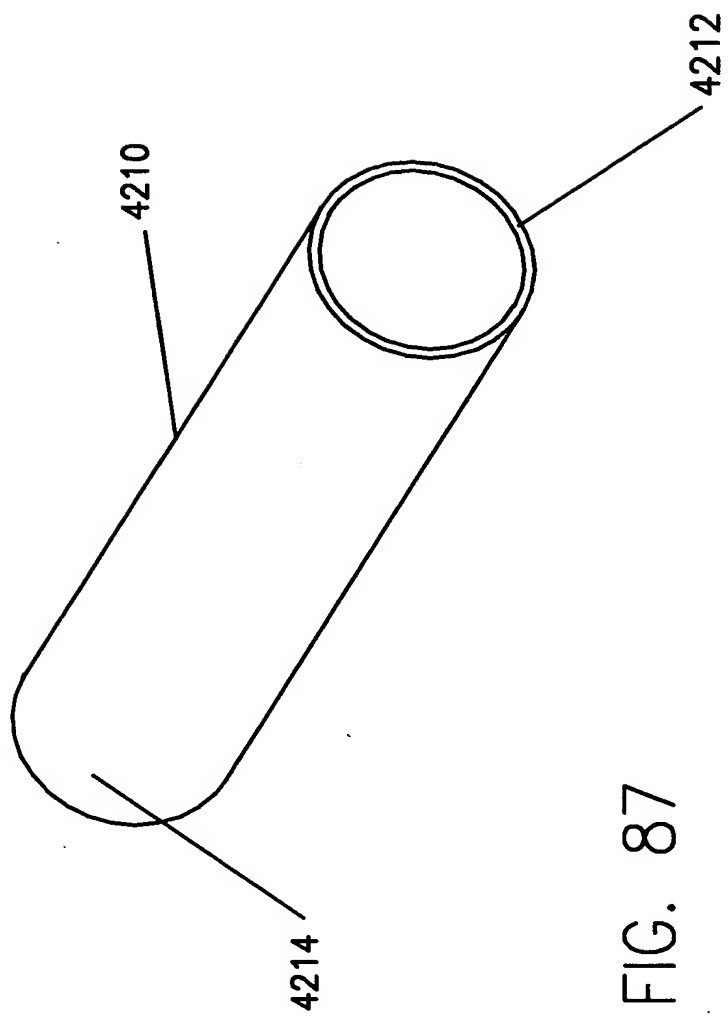


FIG. 87

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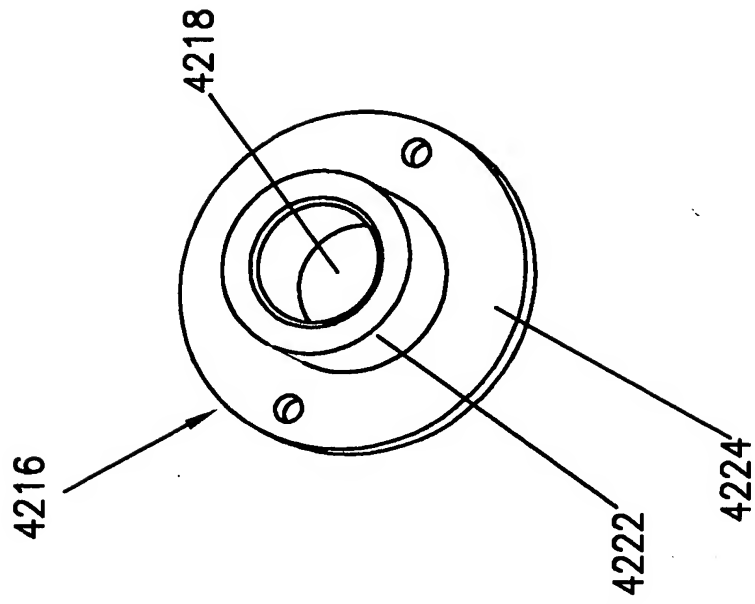


FIG. 88

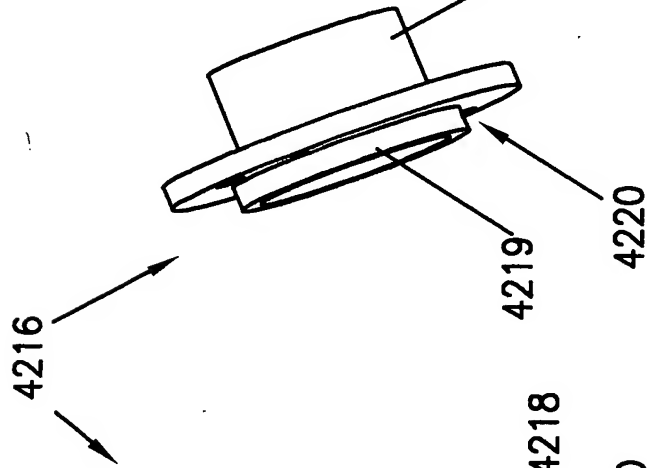


FIG. 89

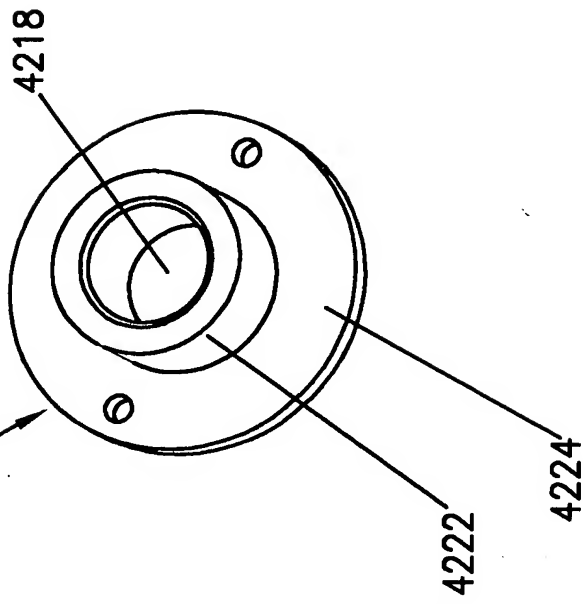


FIG. 90

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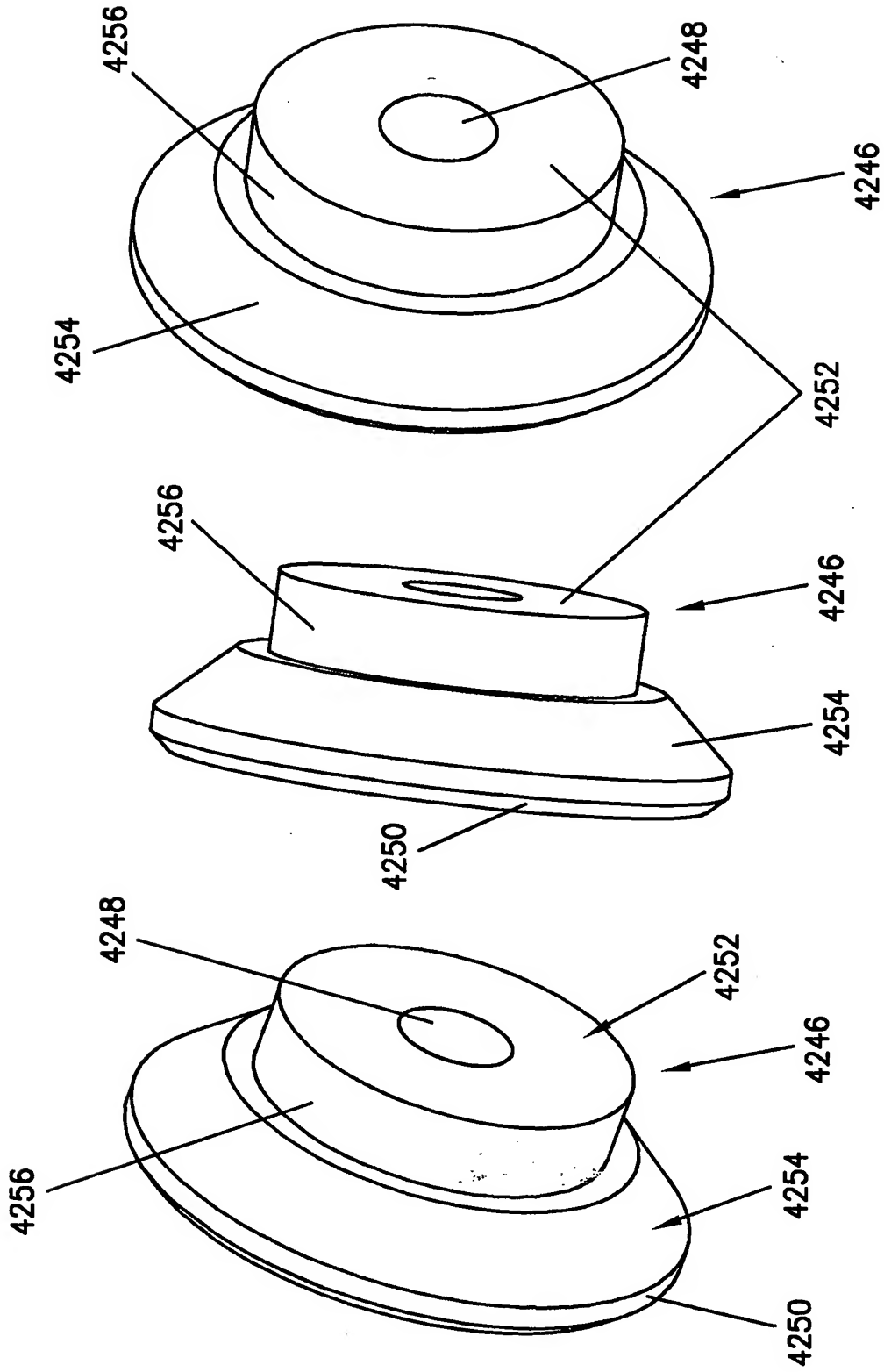


FIG. 93

FIG. 92

FIG. 91

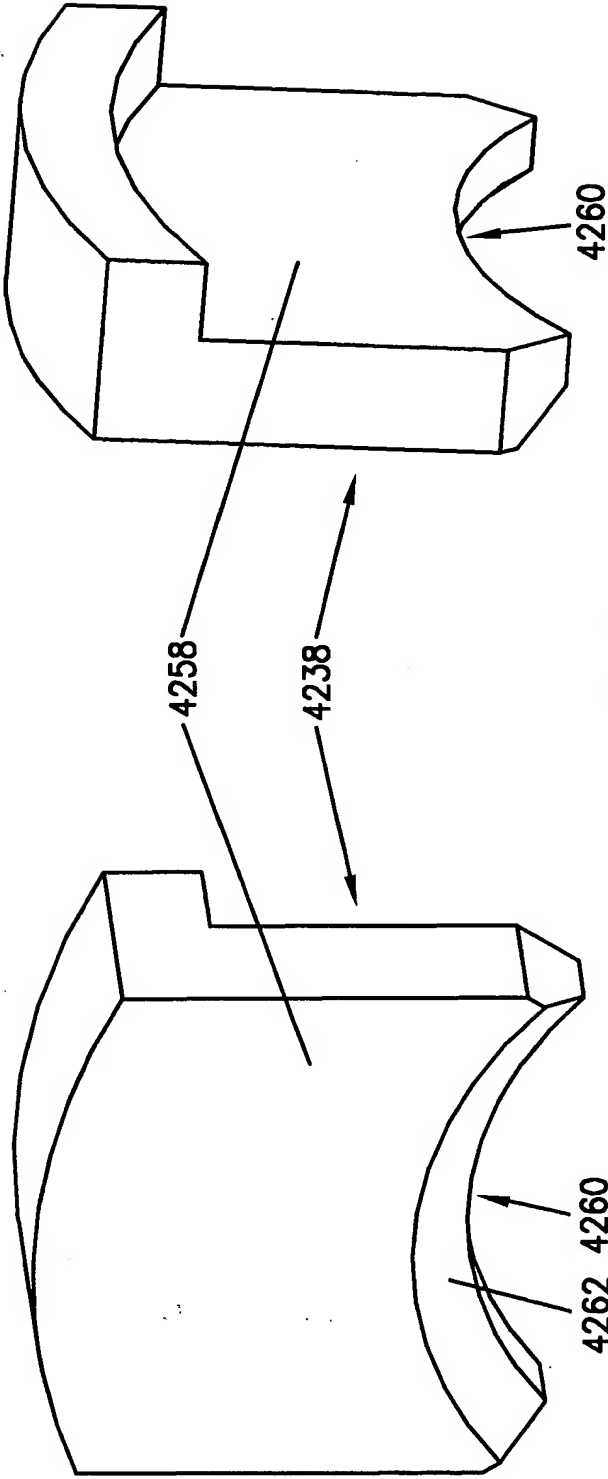


FIG. 95

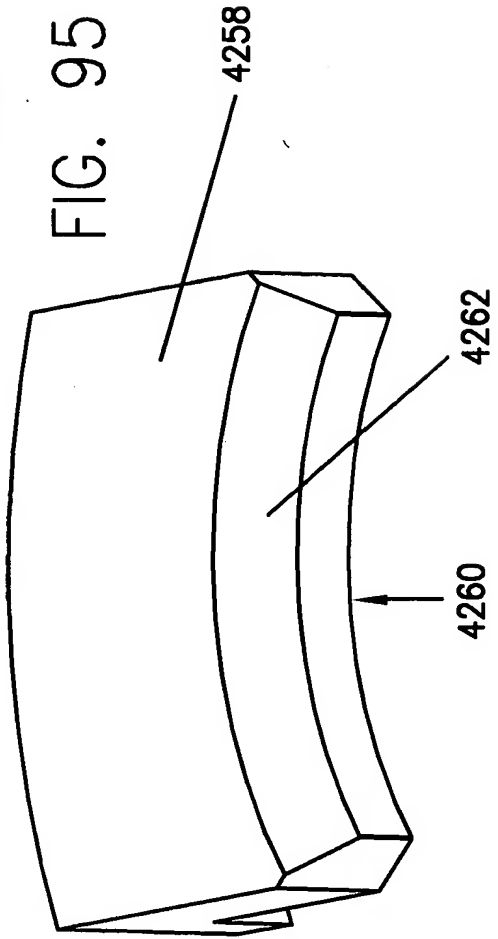
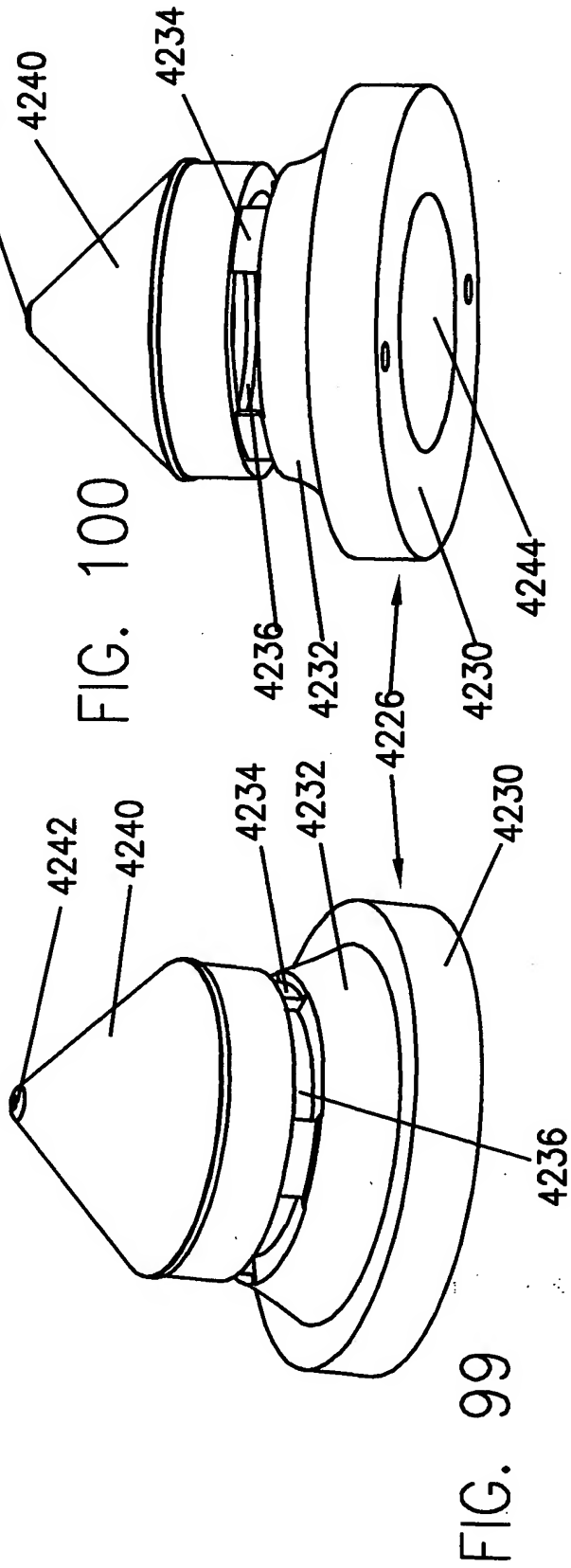
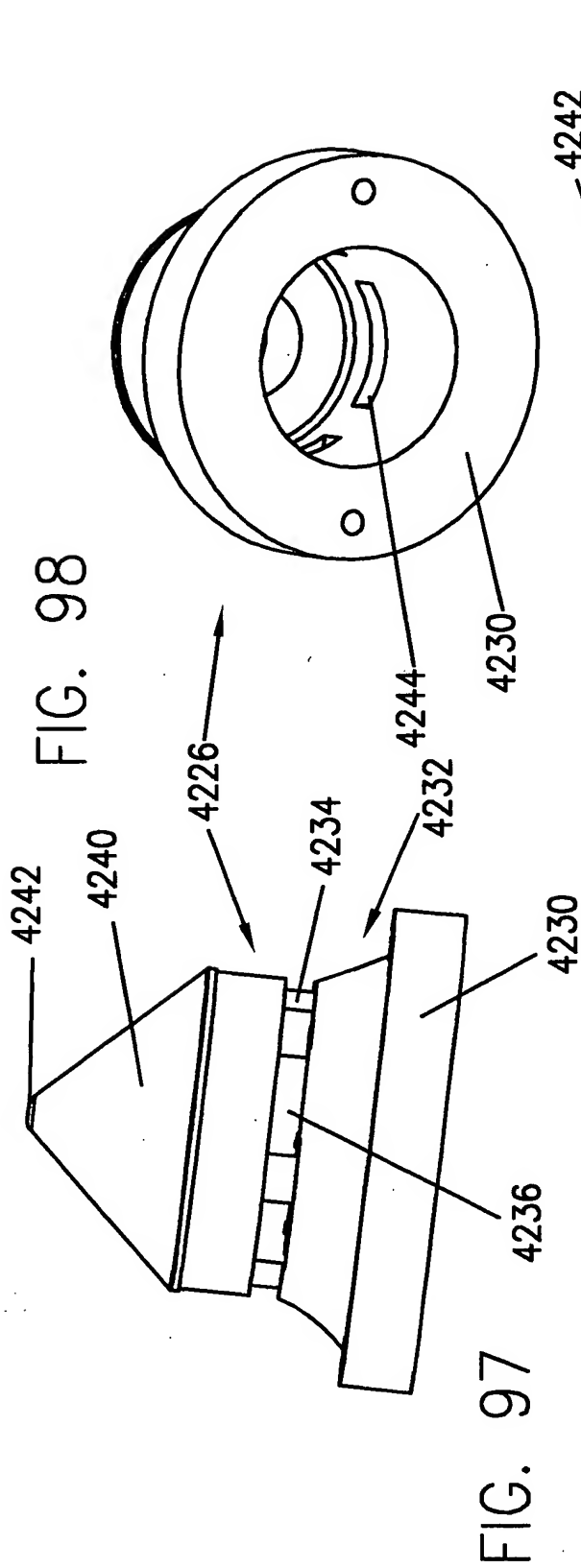
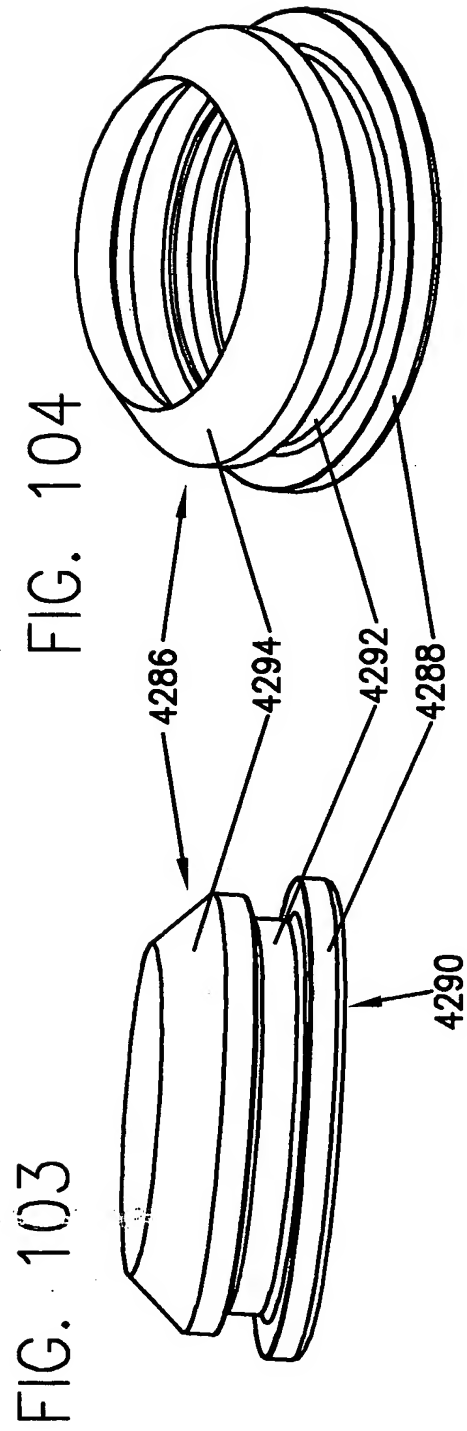
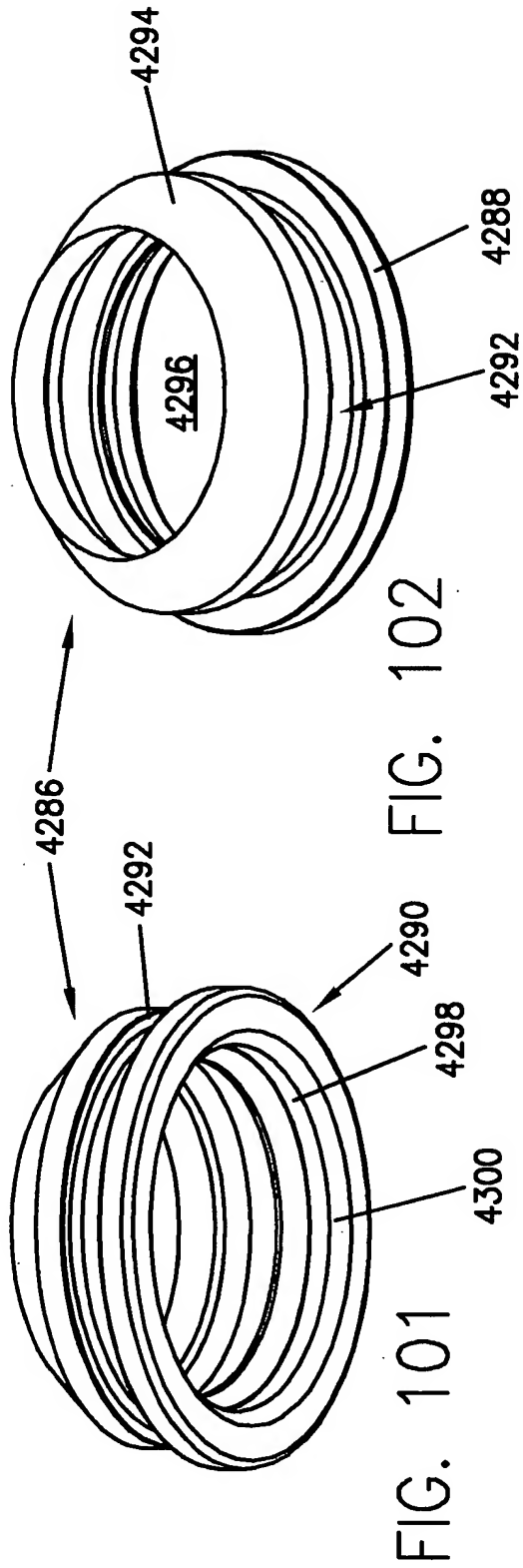


FIG. 96







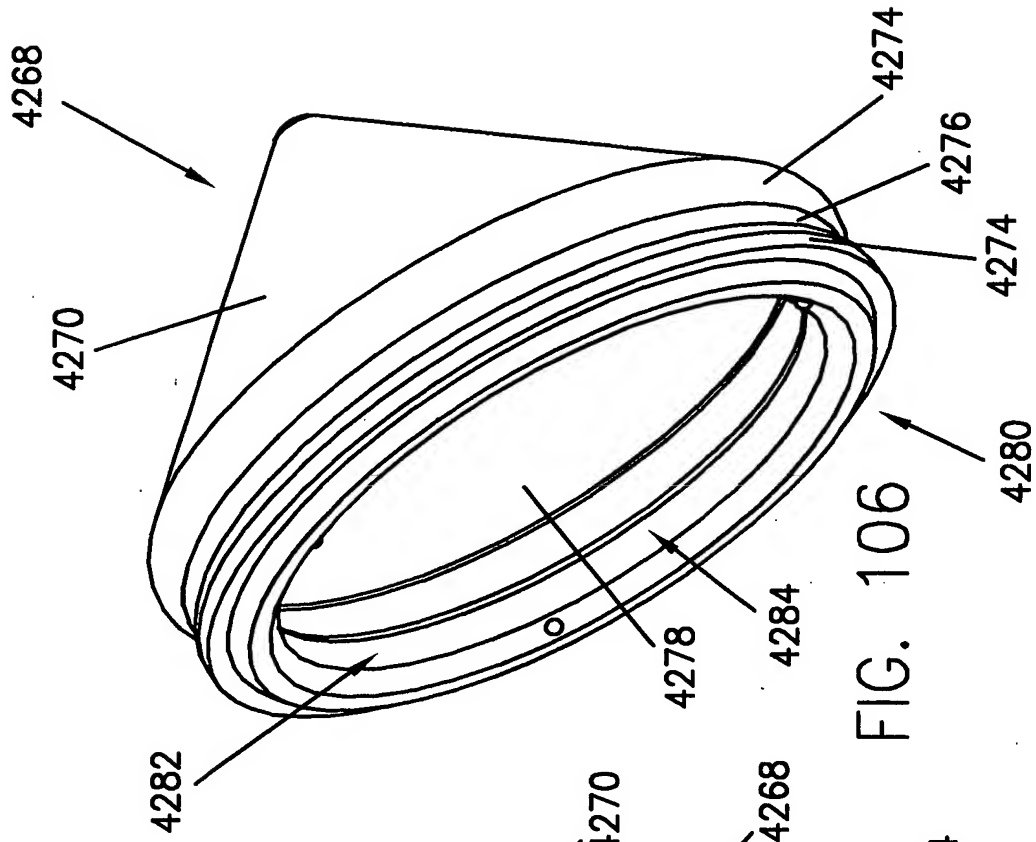


FIG. 106

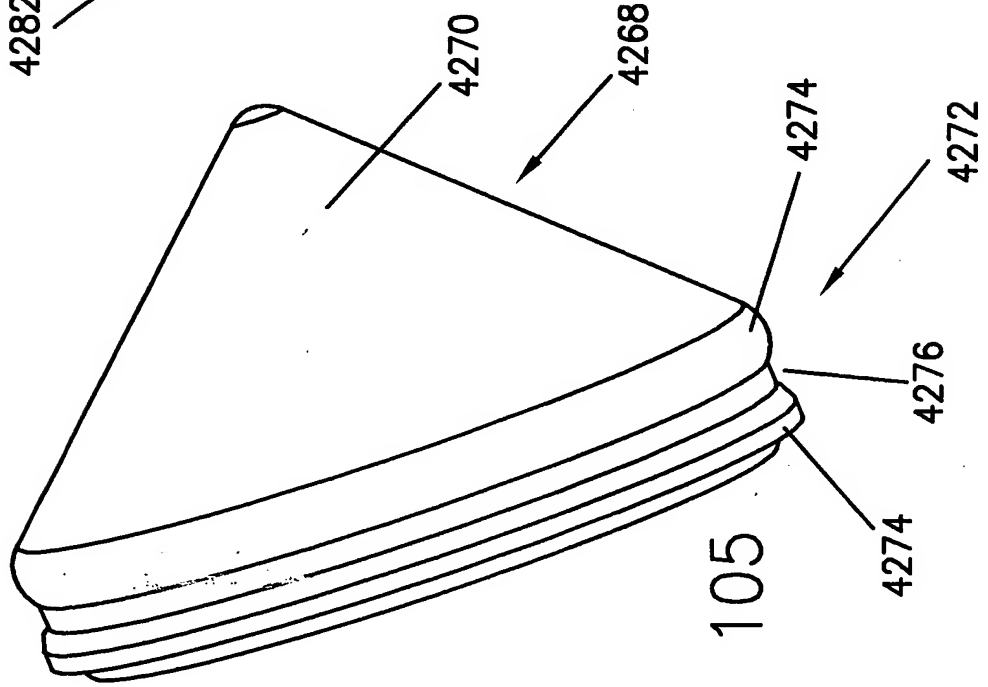
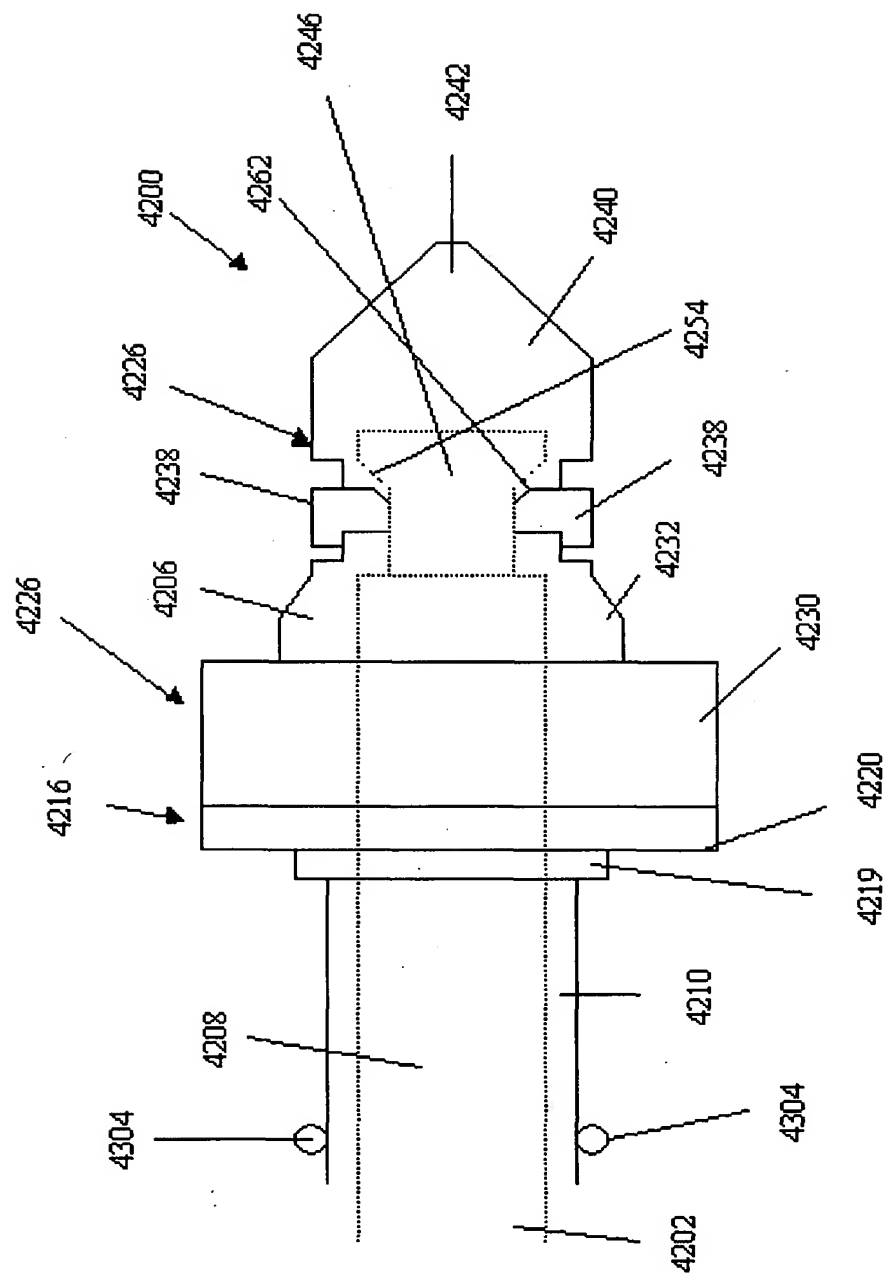


FIG. 105



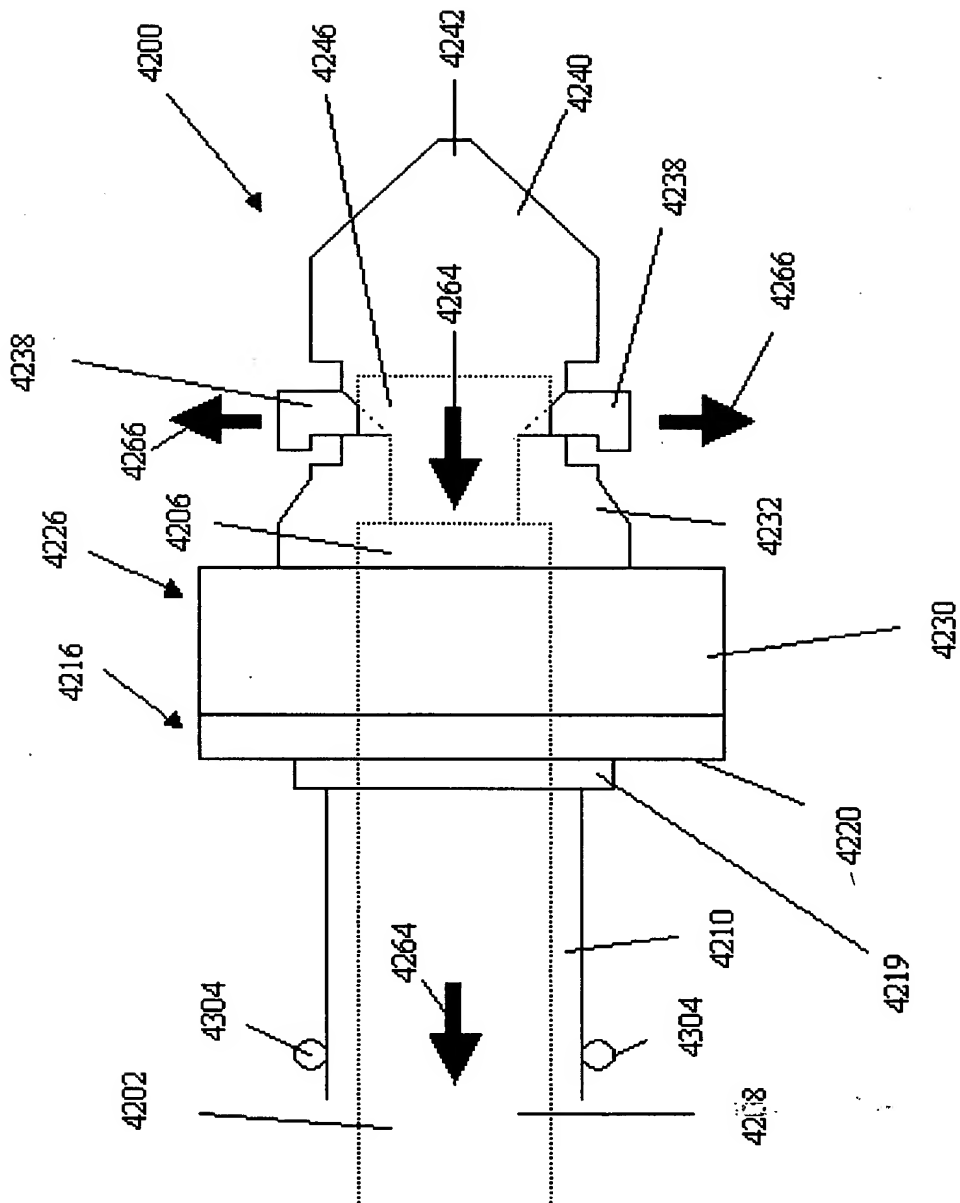


FIG. 108

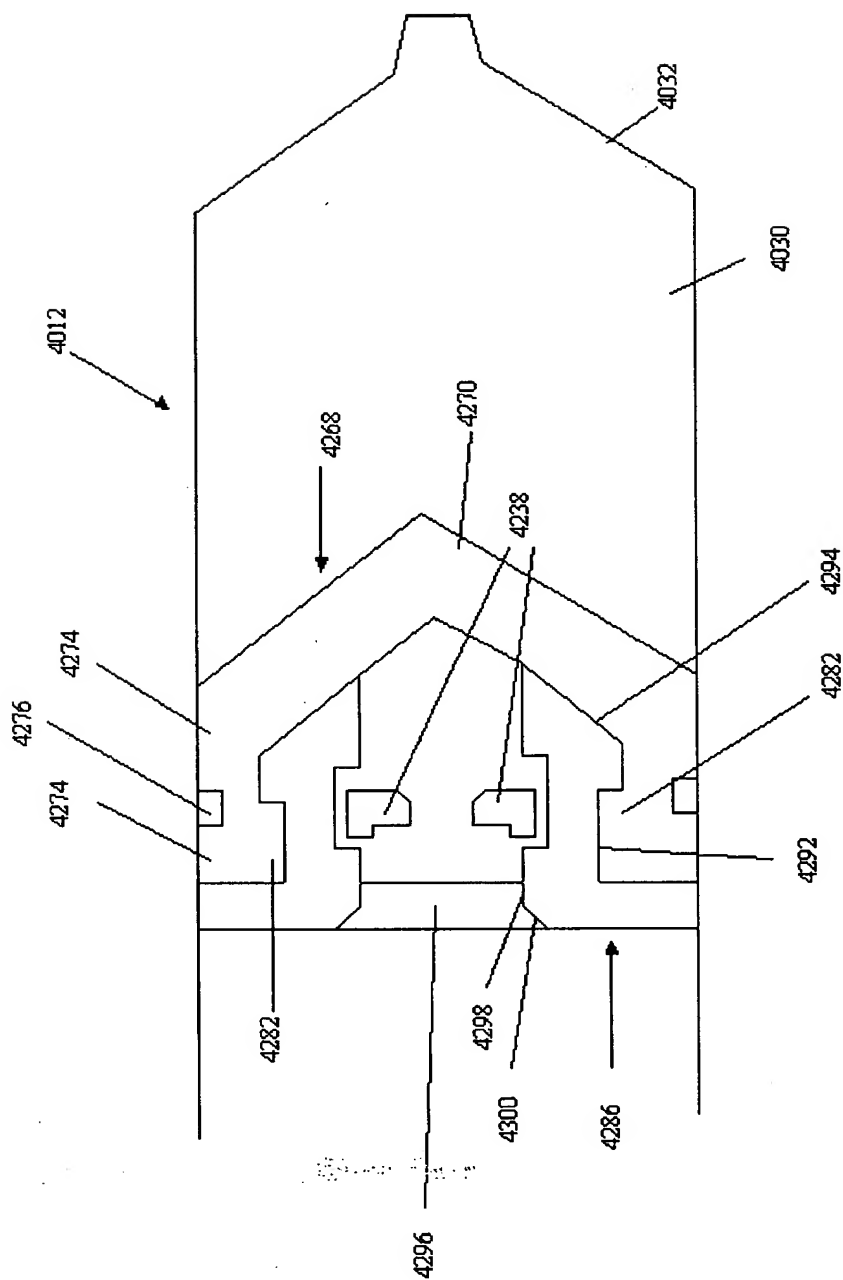


FIG. 109



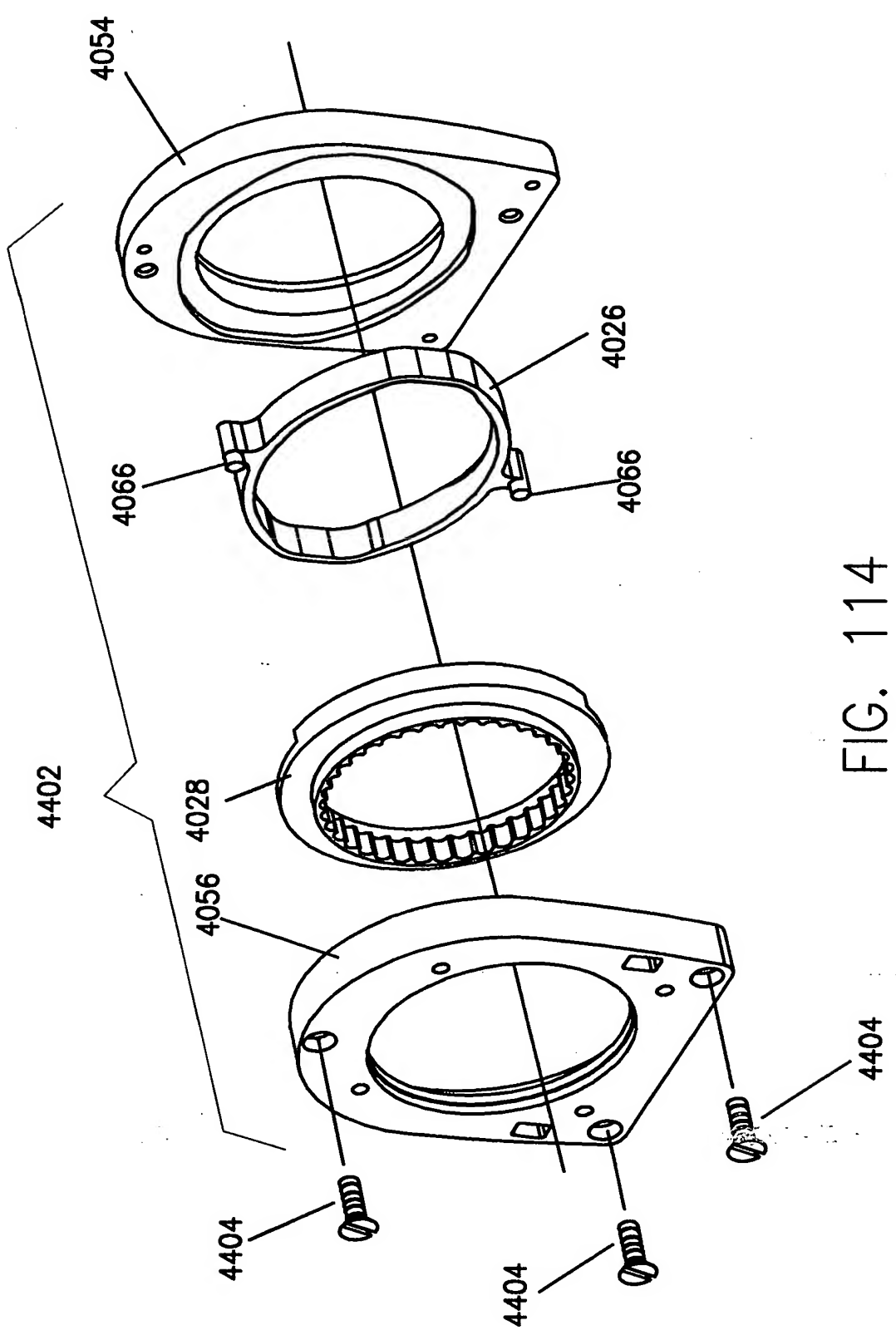


FIG. 114



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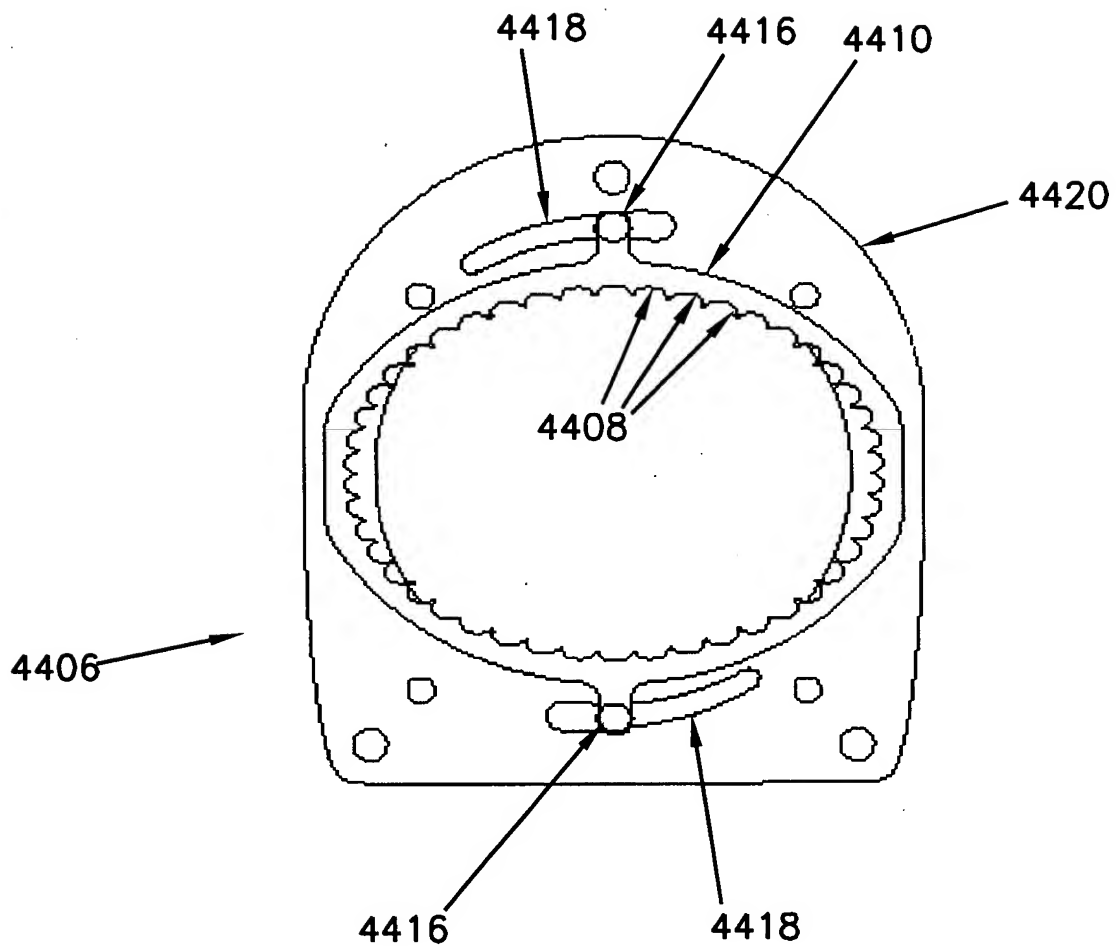
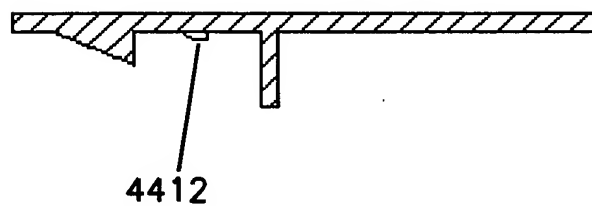
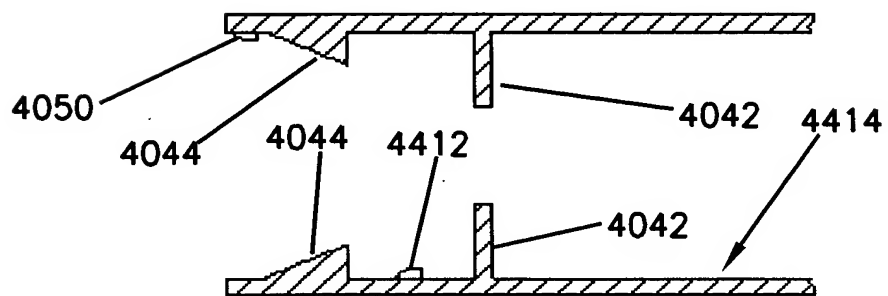
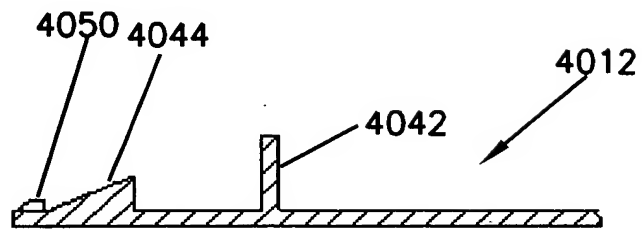
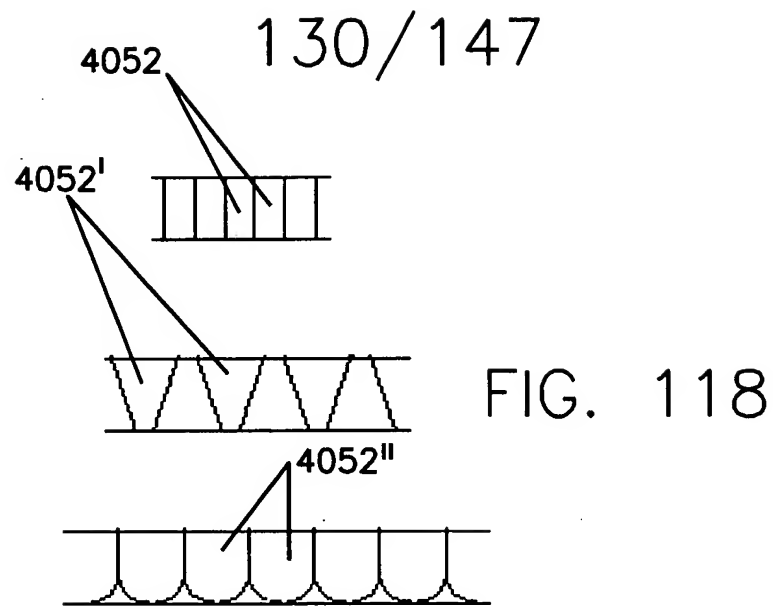


FIG. 115



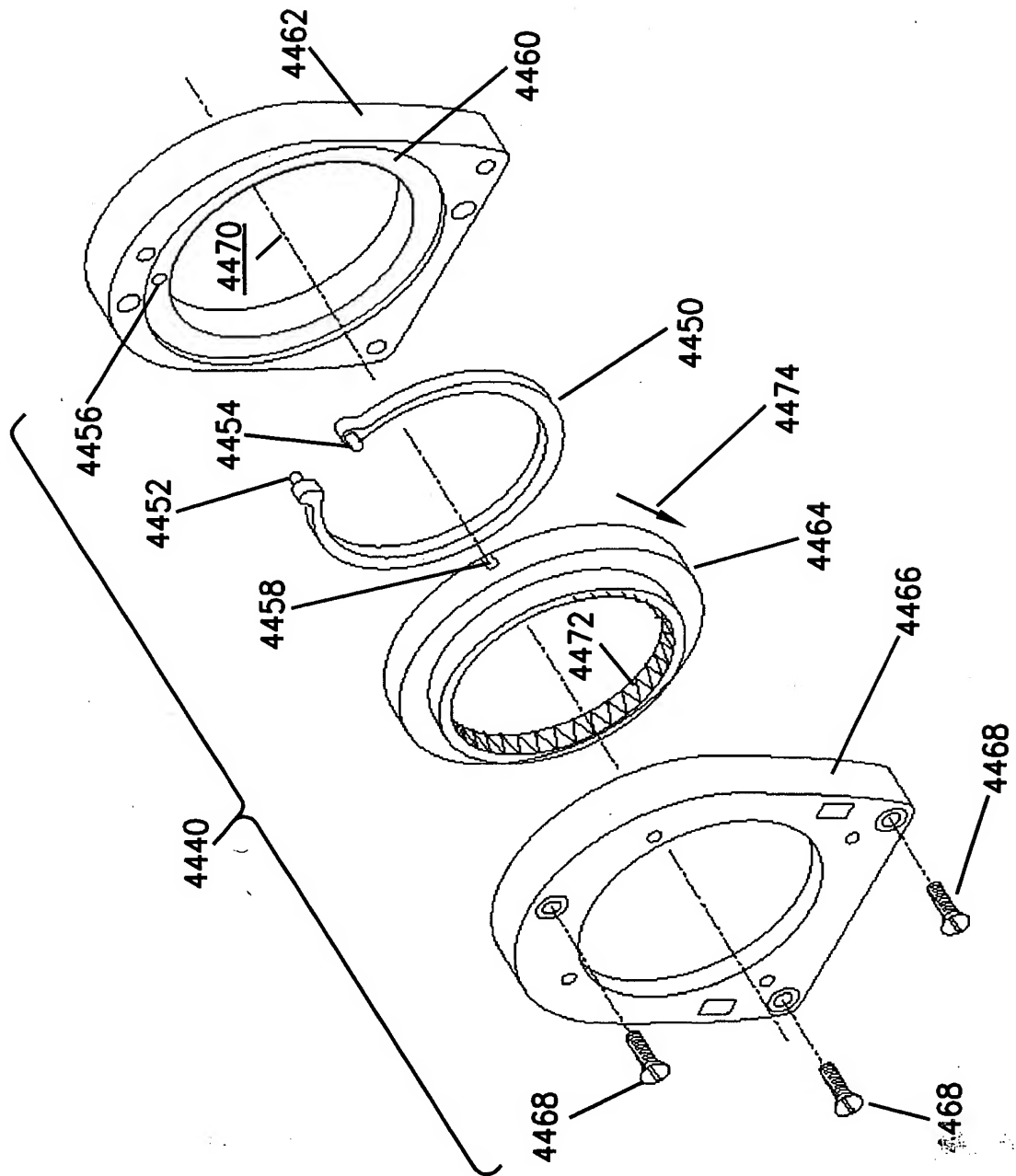


FIG. 119

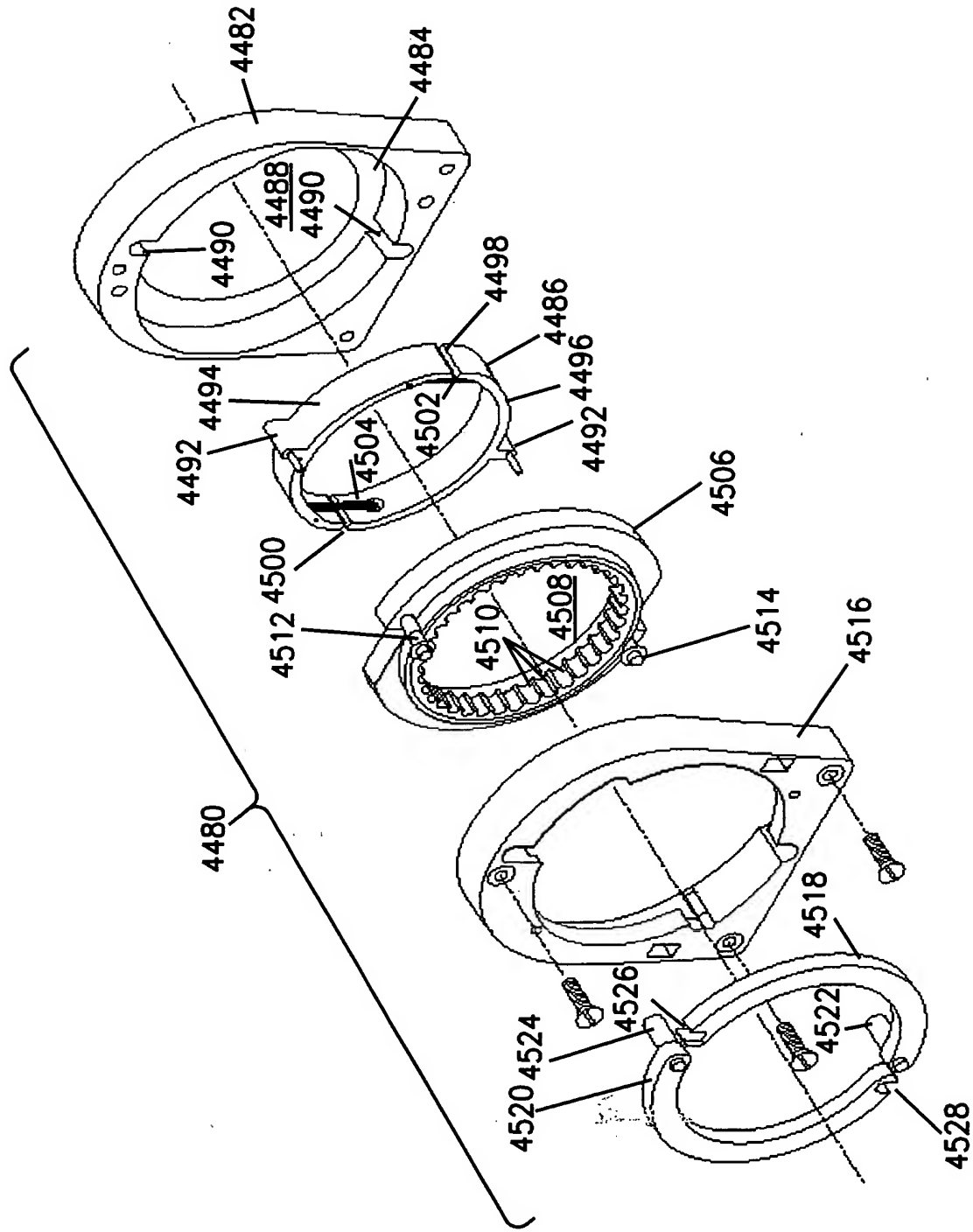


FIG. 120

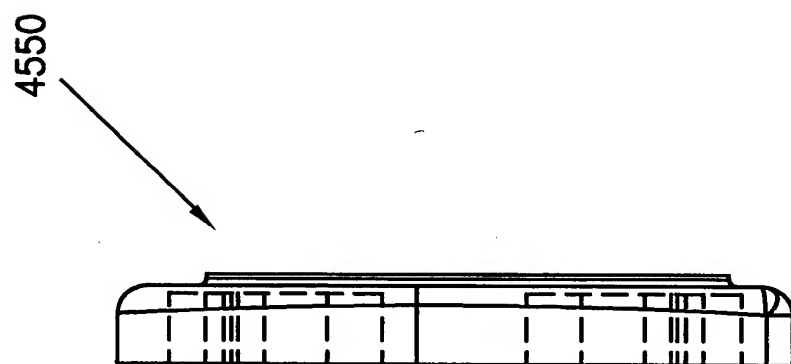


FIG. 122

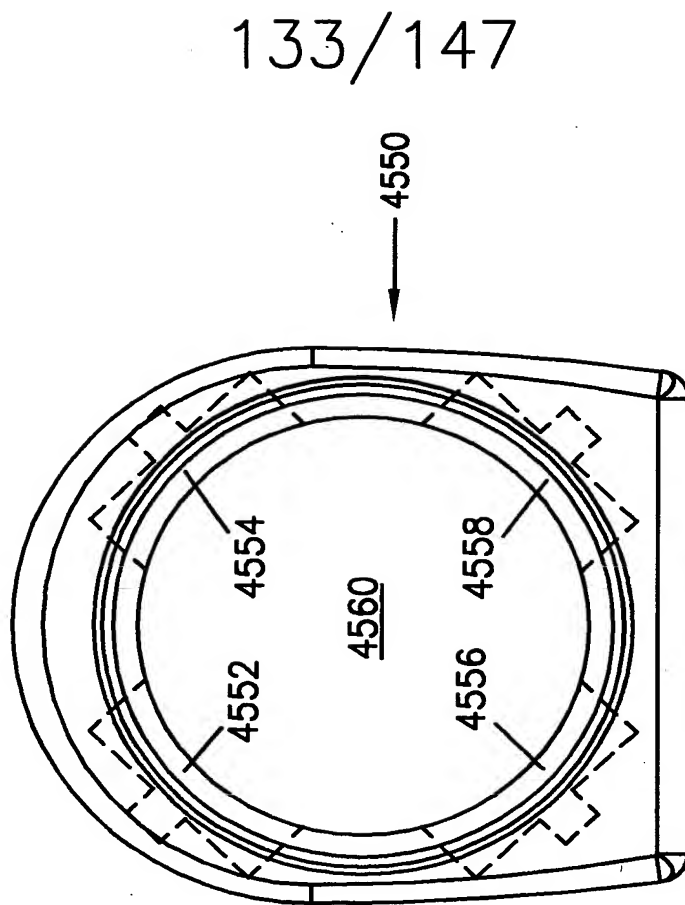


FIG. 121

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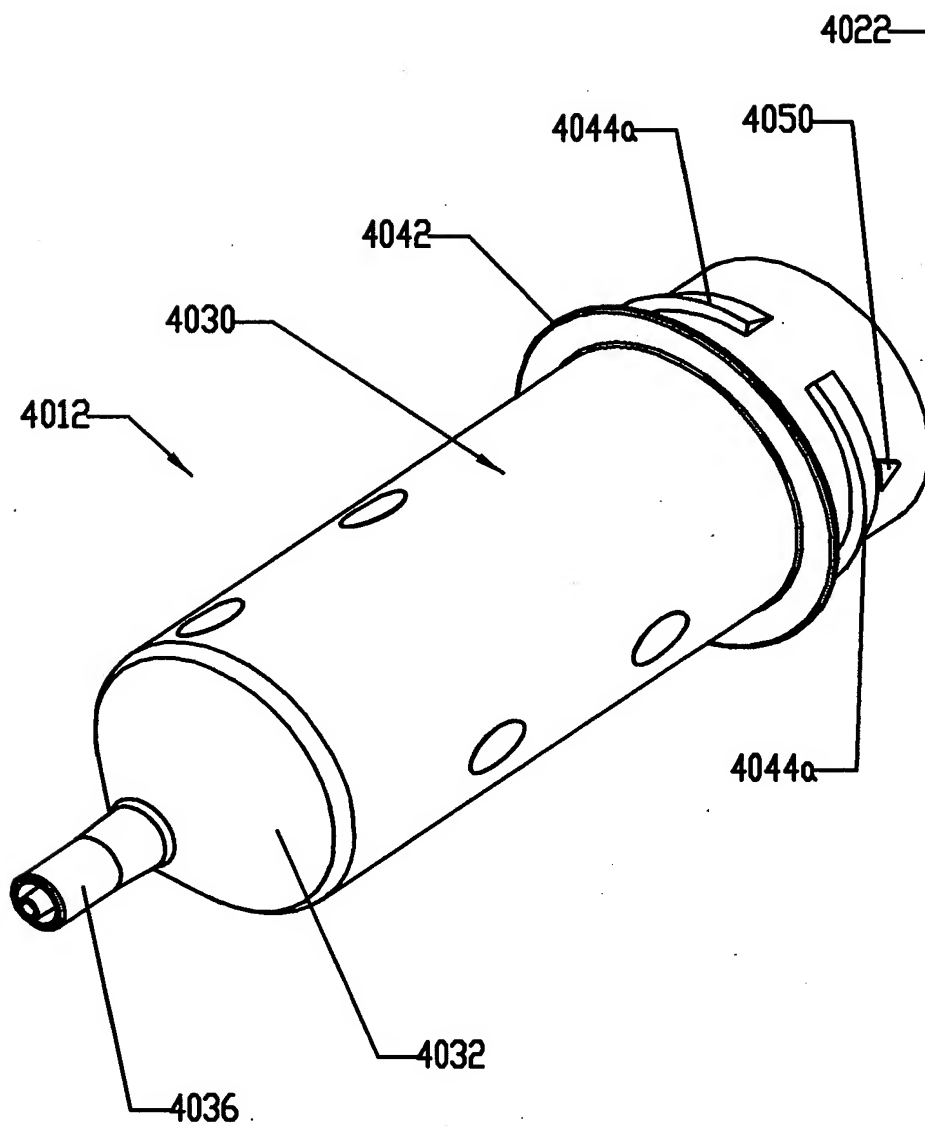


FIG. 123

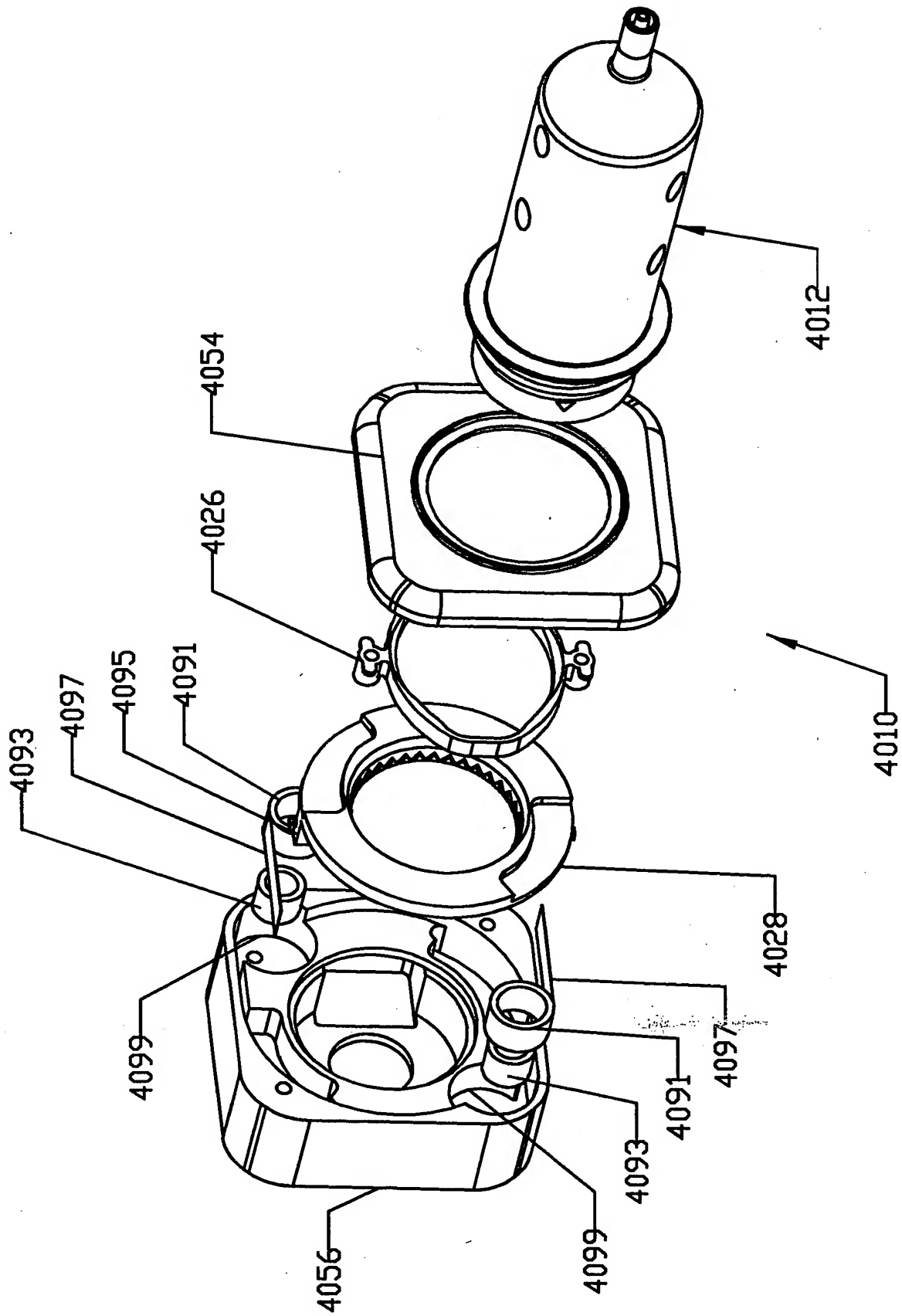


FIG. 124

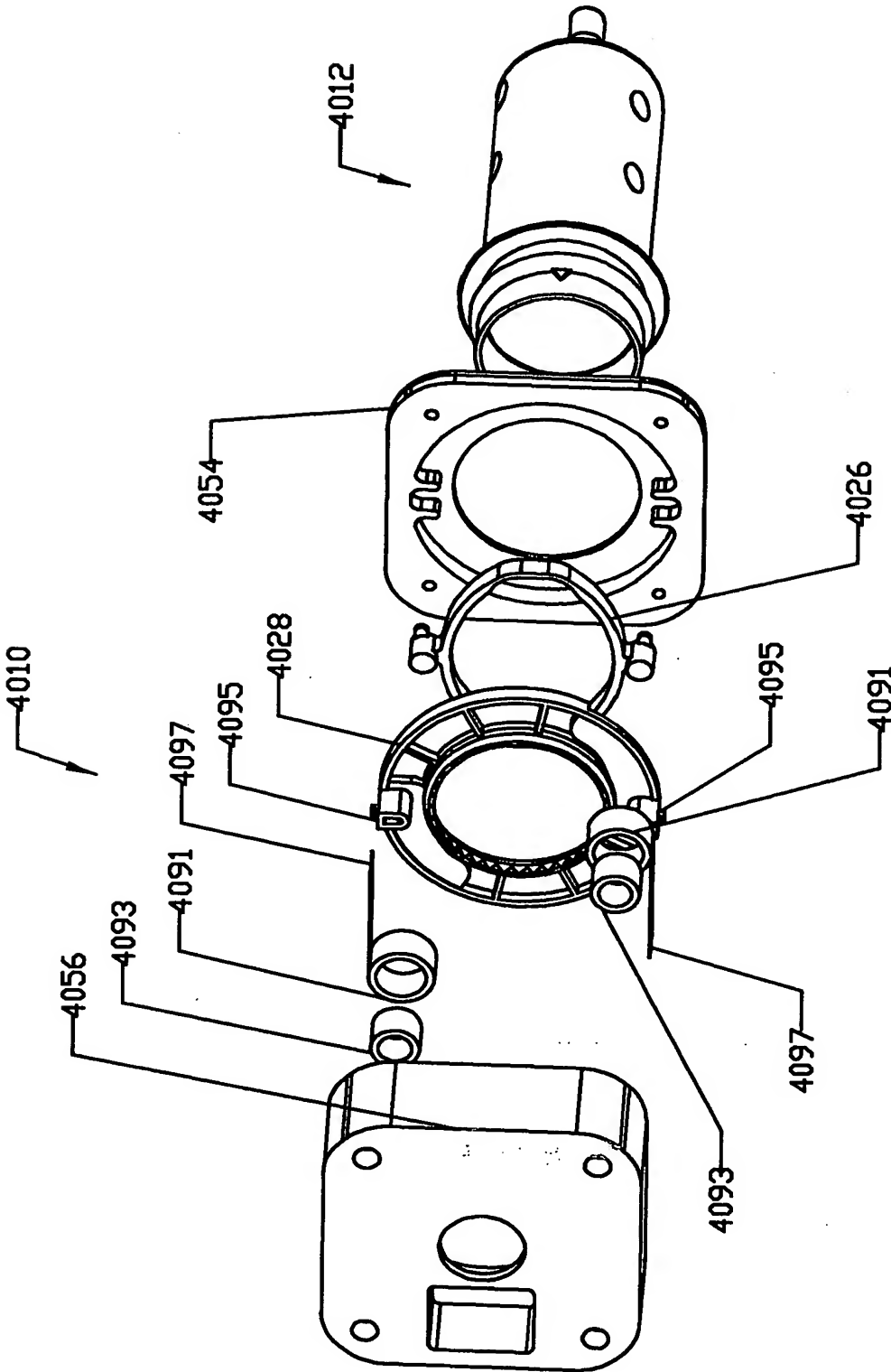


FIG. 125



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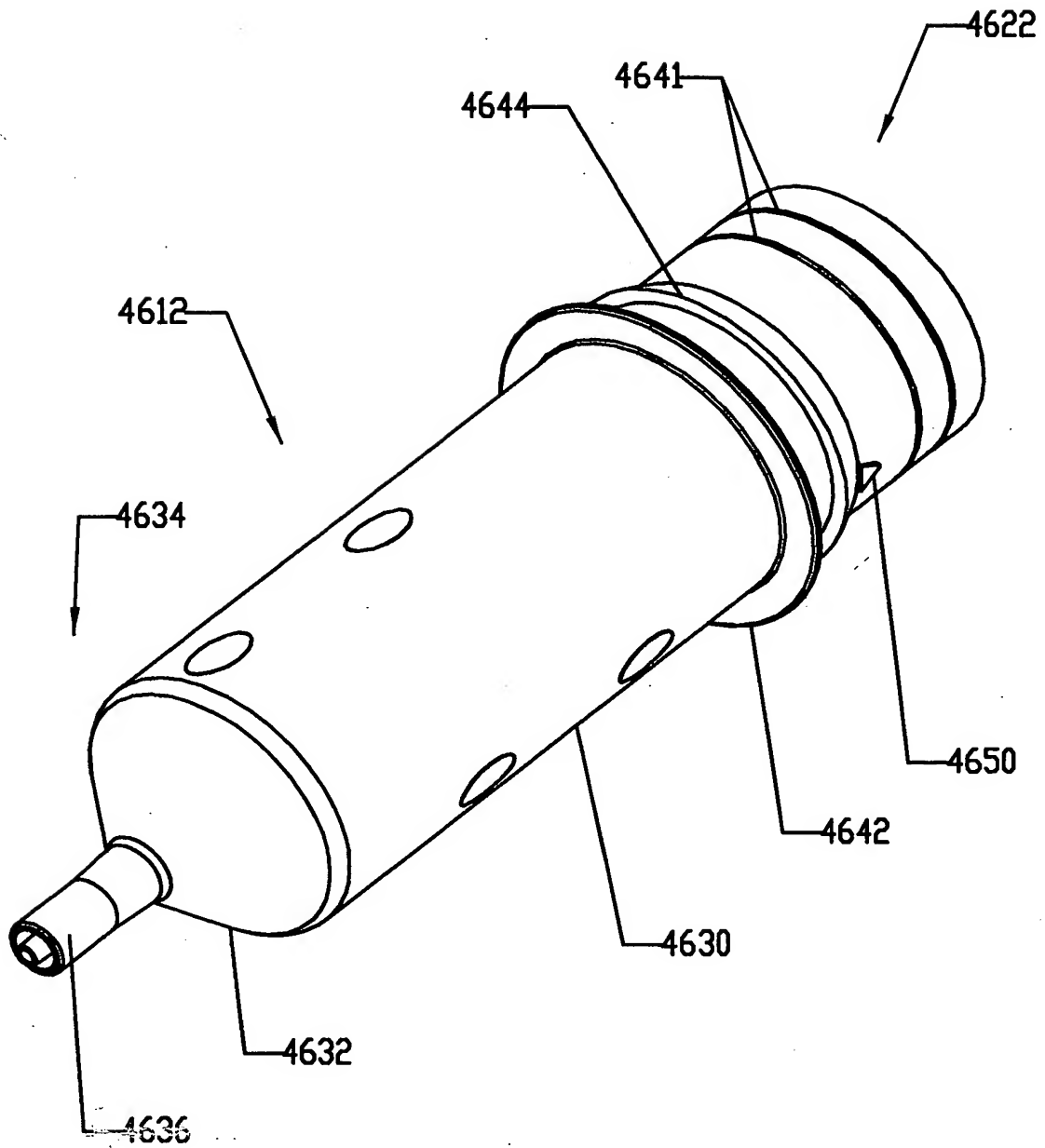


FIG. 126

Fig. 127A

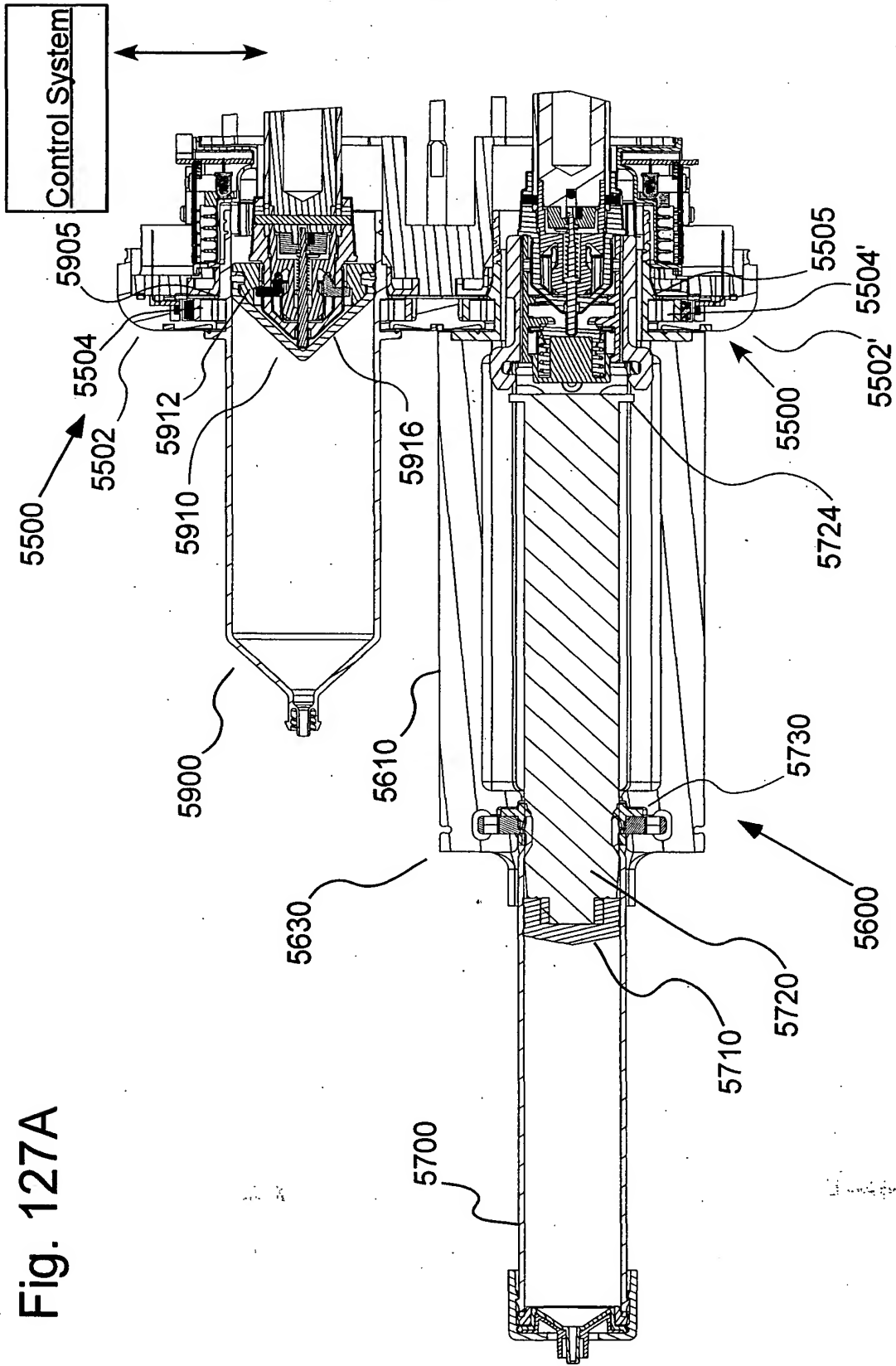
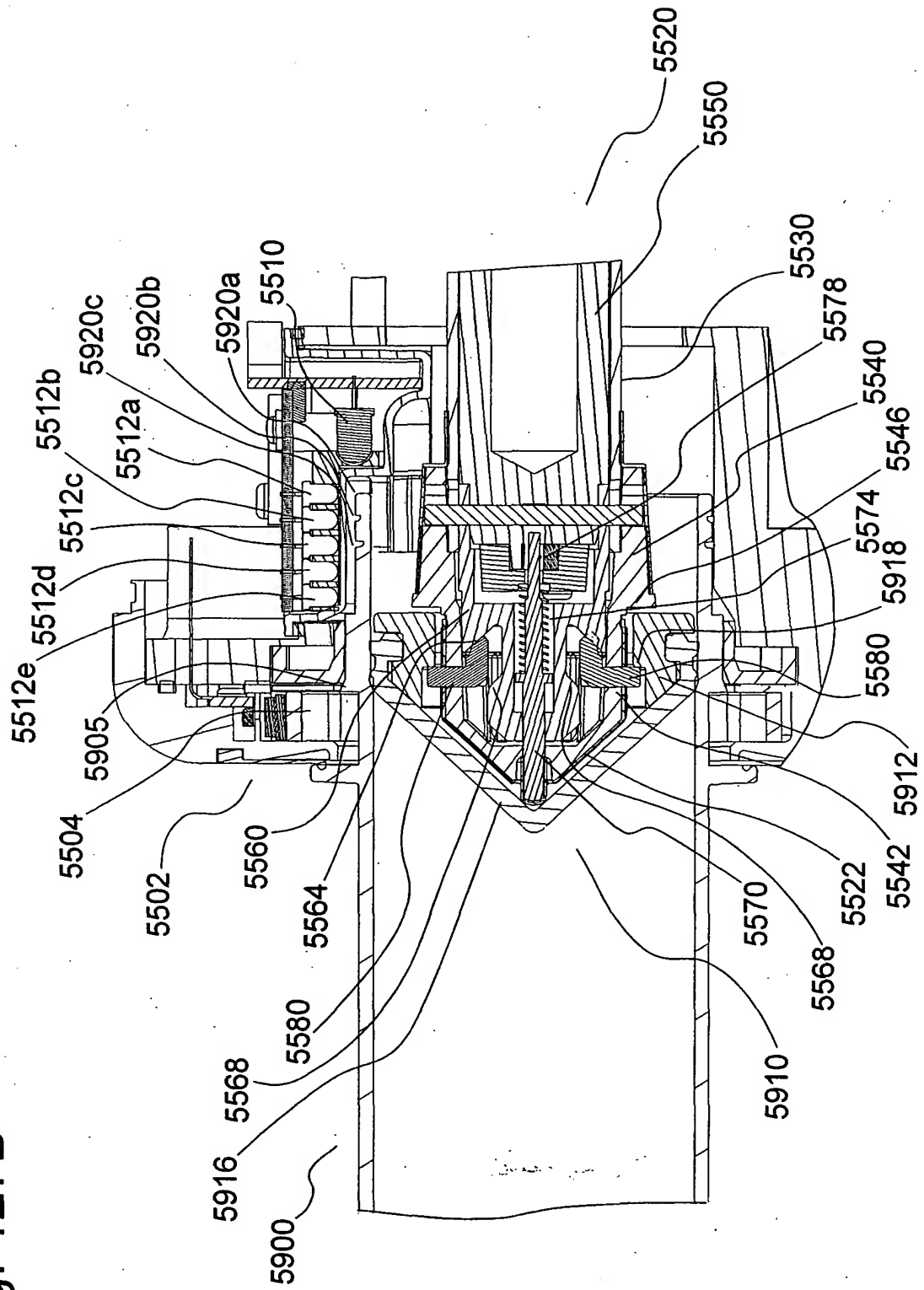


Fig. 127B



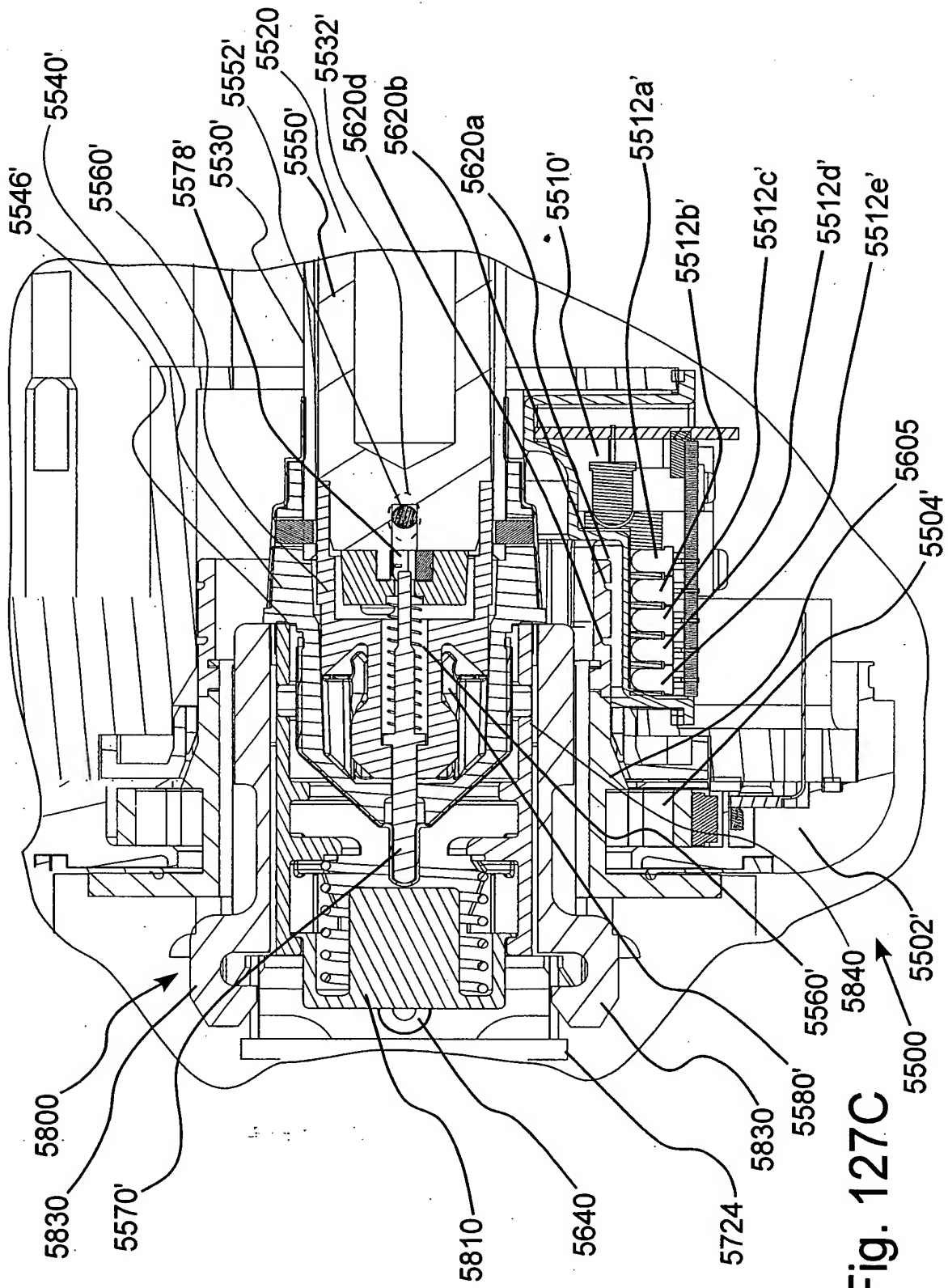
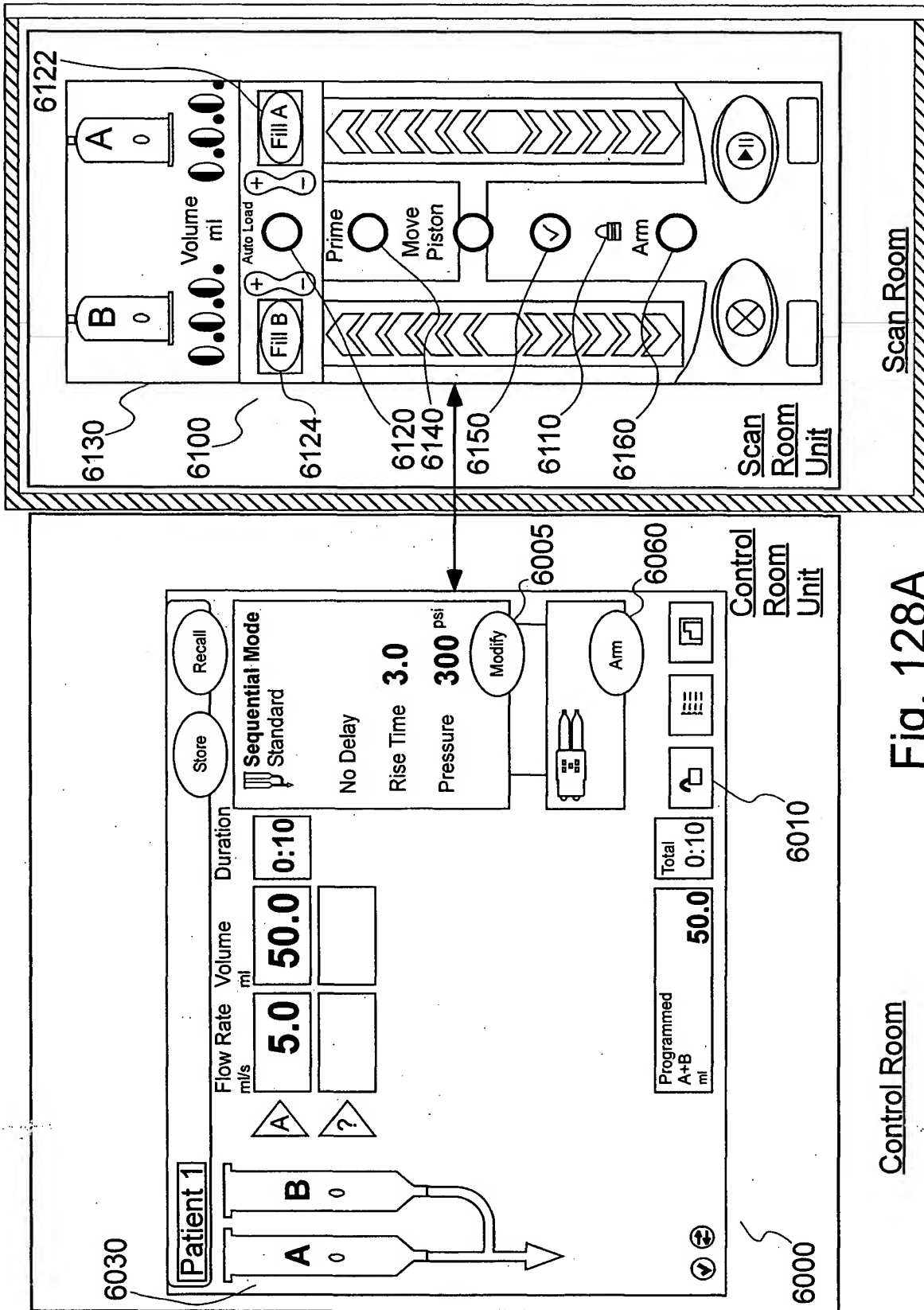
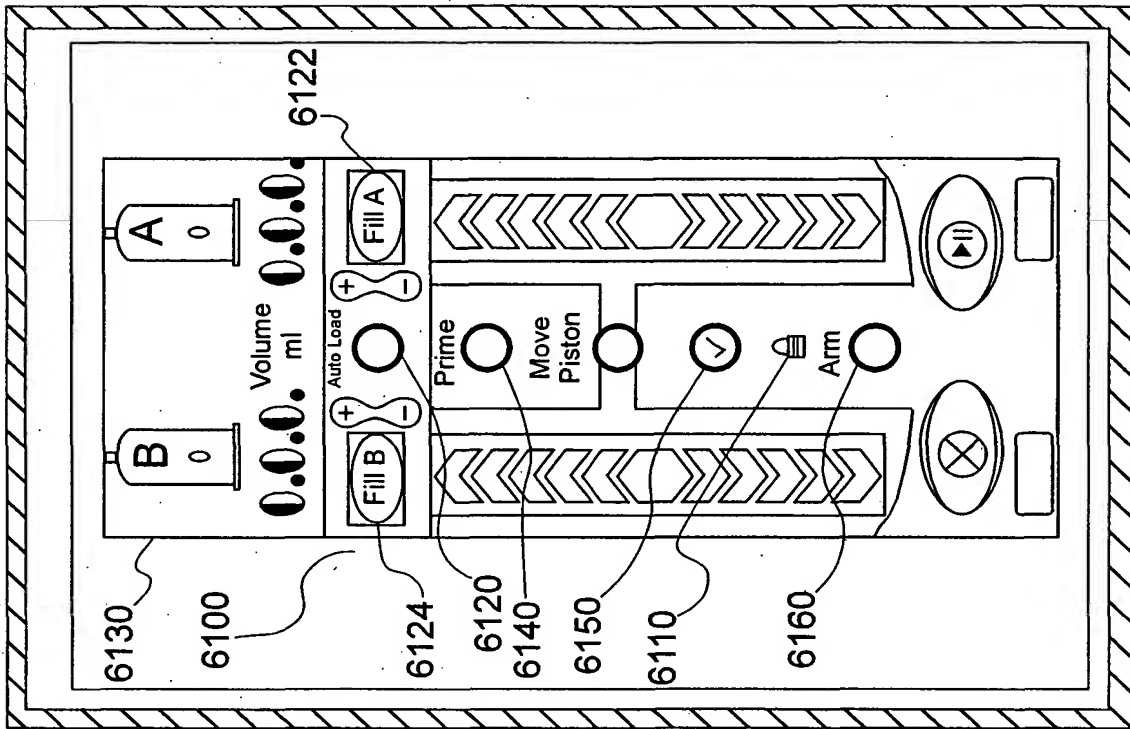


Fig. 127C



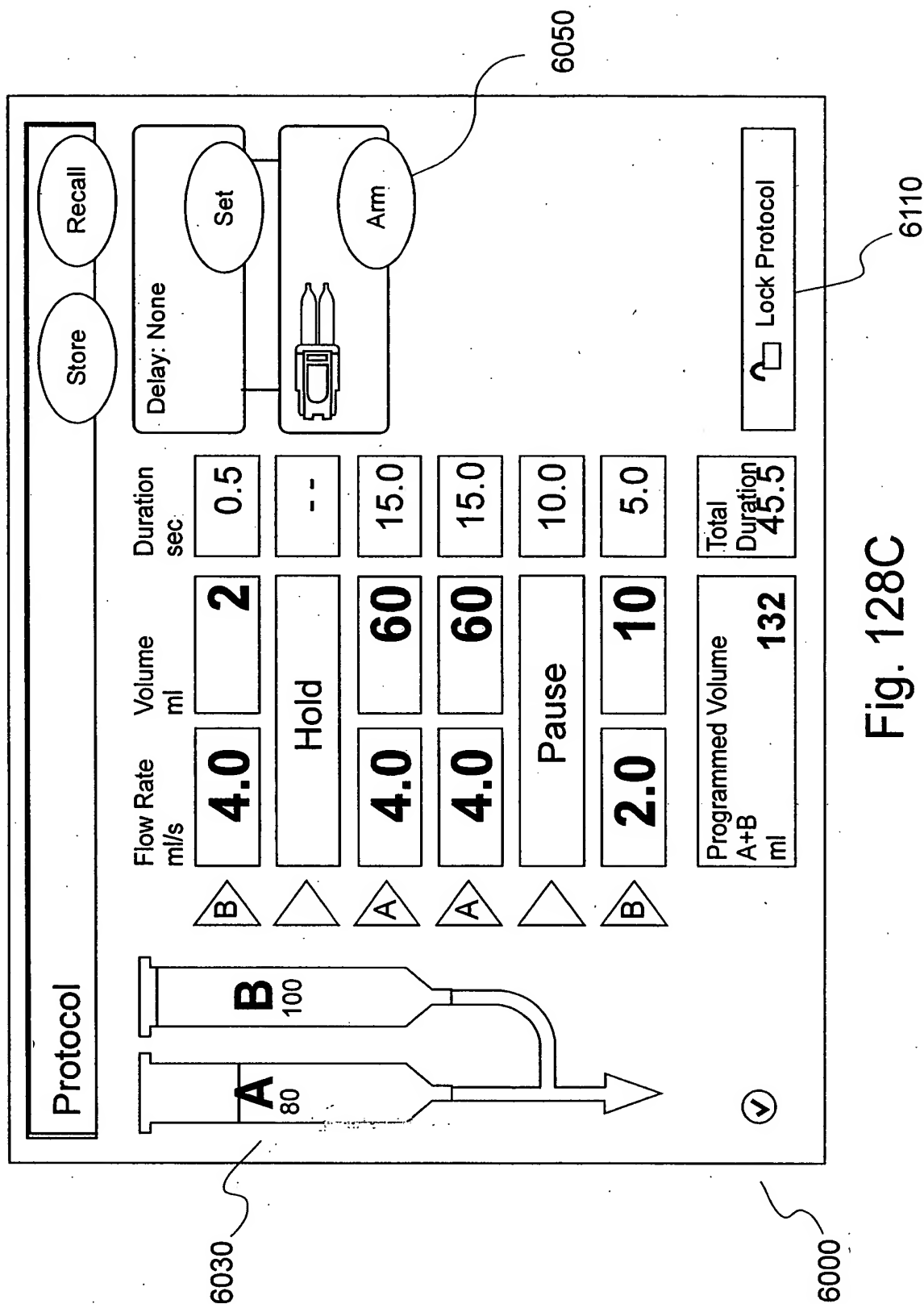
Control Room

Fig. 128A



A software interface 6000 for configuring test parameters. The interface is divided into several sections. At the top, there is a 'Modify' label and two buttons: 'OK' and 'Cancel'. Below this, the interface is organized into a grid. The first row contains 'Rise Time s' with a value of '1.0', a 'Sequential Standard' button with a piston icon, and a 'Mode' button. The second row contains 'Pressure psi' with a value of '300', a 'No Delay' button, and a 'Delay' button. The third row contains two columns: 'Sequential Motion' with a 'Standard' button (piston icon) and 'Simultaneous Motion' with 'Single Site' and 'Dual Site' buttons (piston icon and dual piston icon respectively).

Fig. 128B



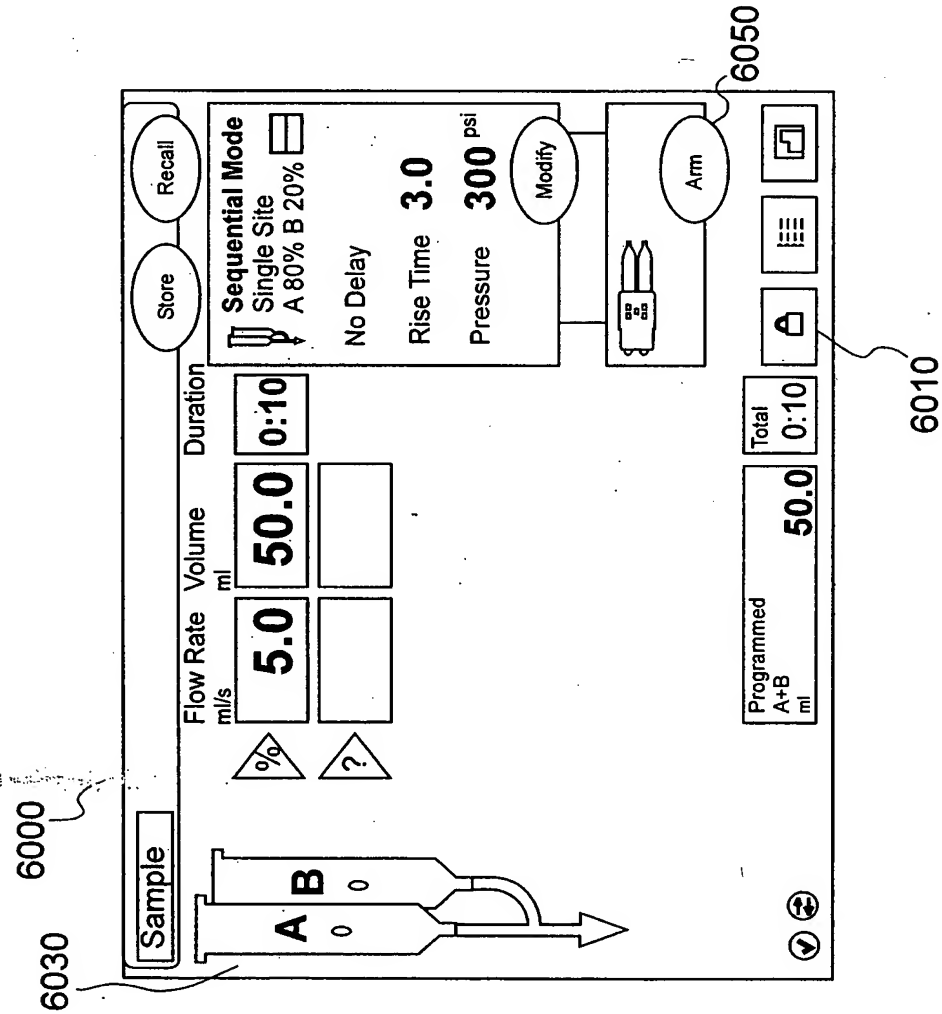
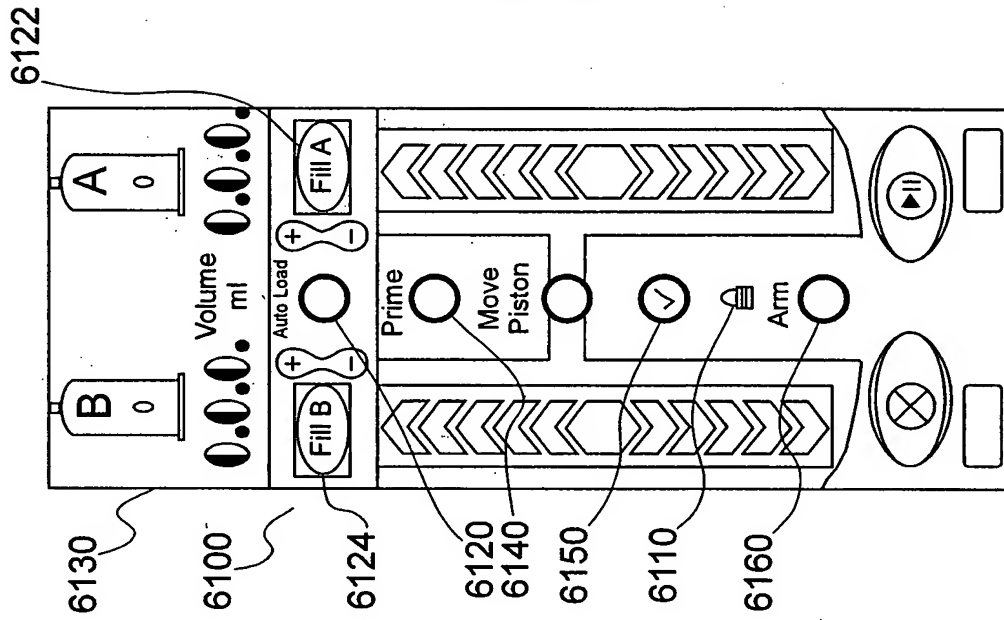


Fig. 128D



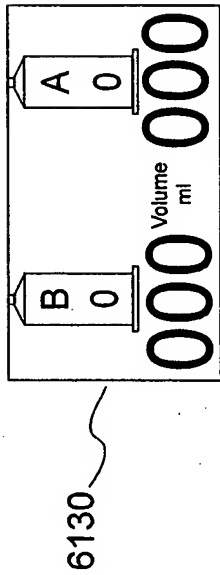


Fig. 128E

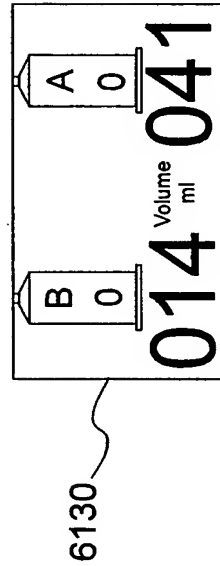


Fig. 128F

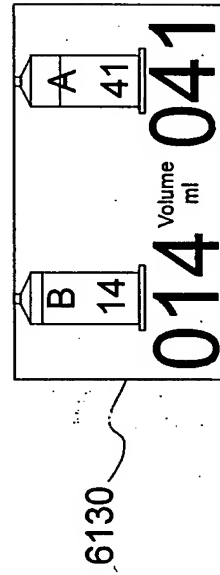


Fig. 128G

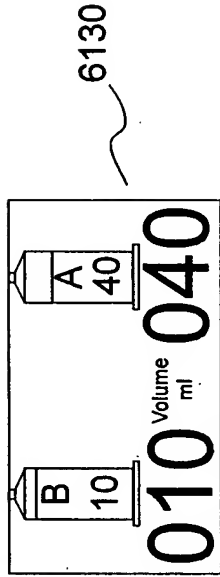


Fig. 128H

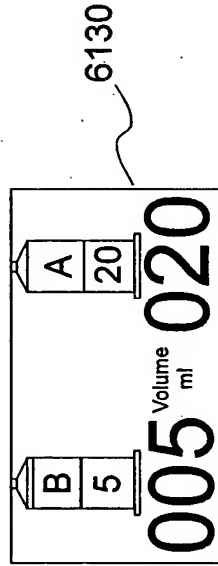


Fig. 128I

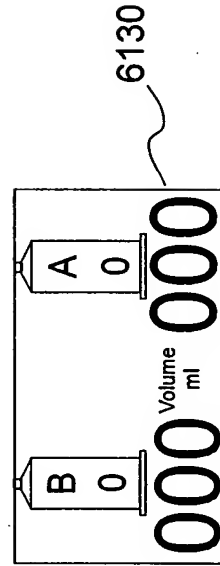


Fig. 128J

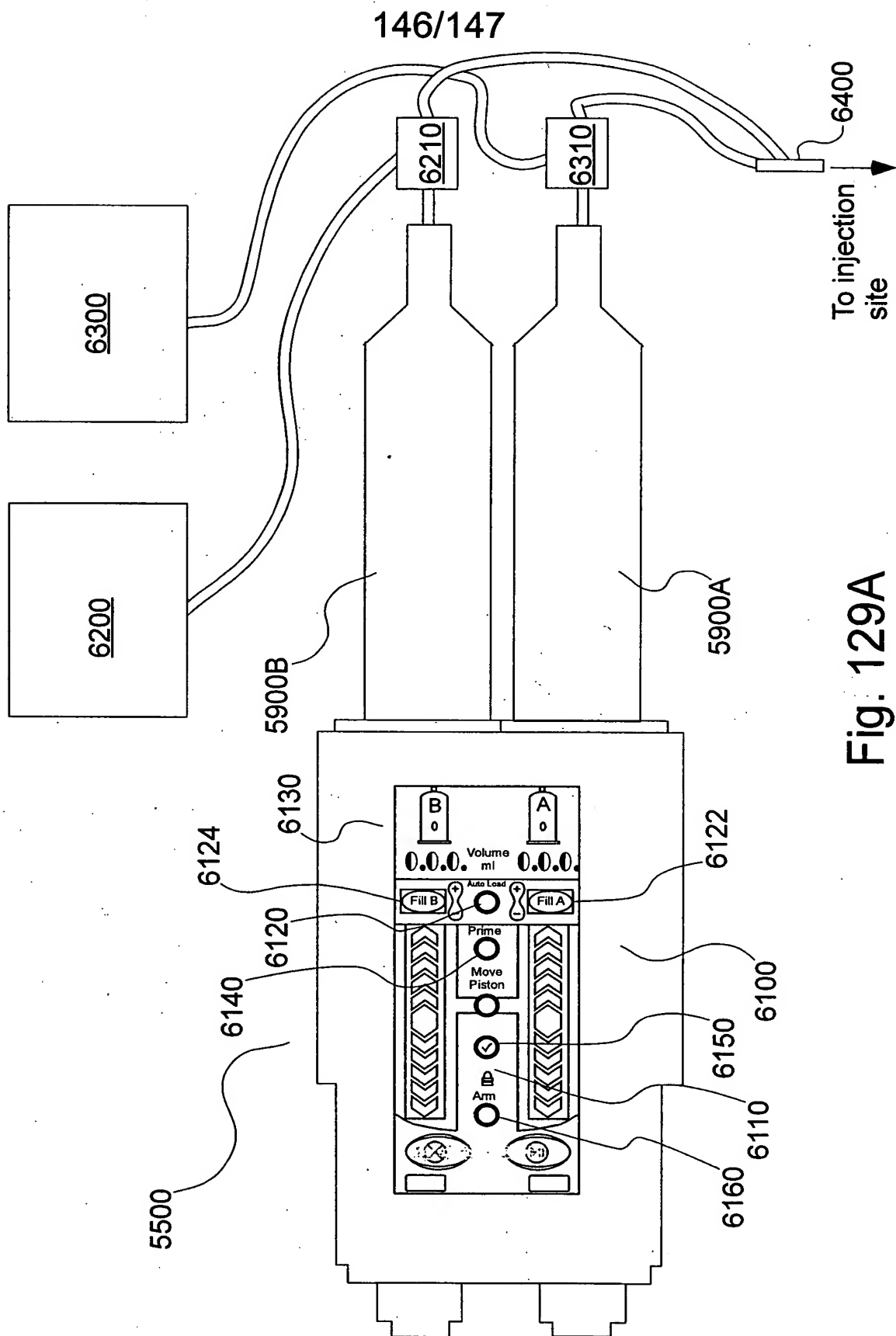


Fig. 129A

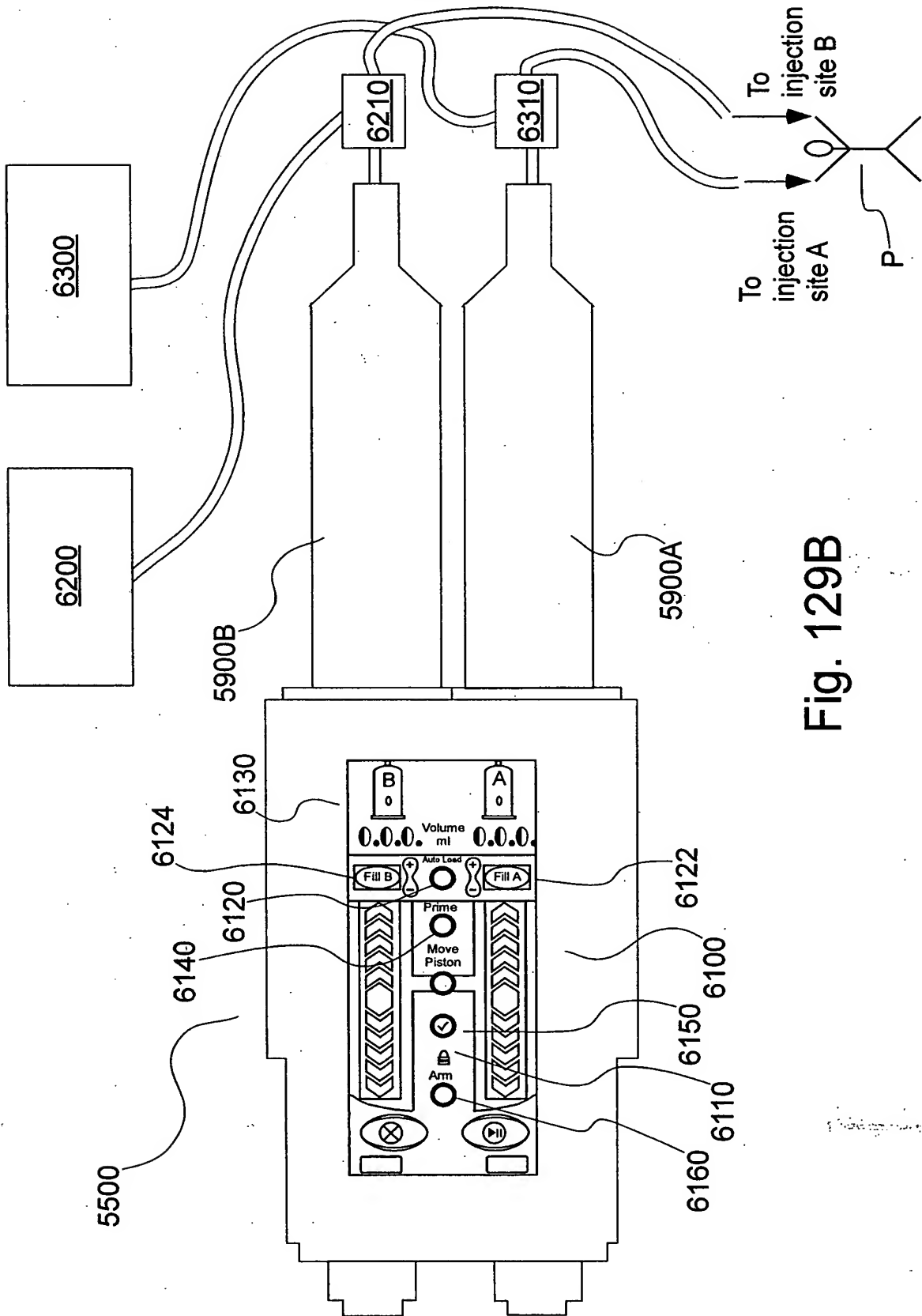
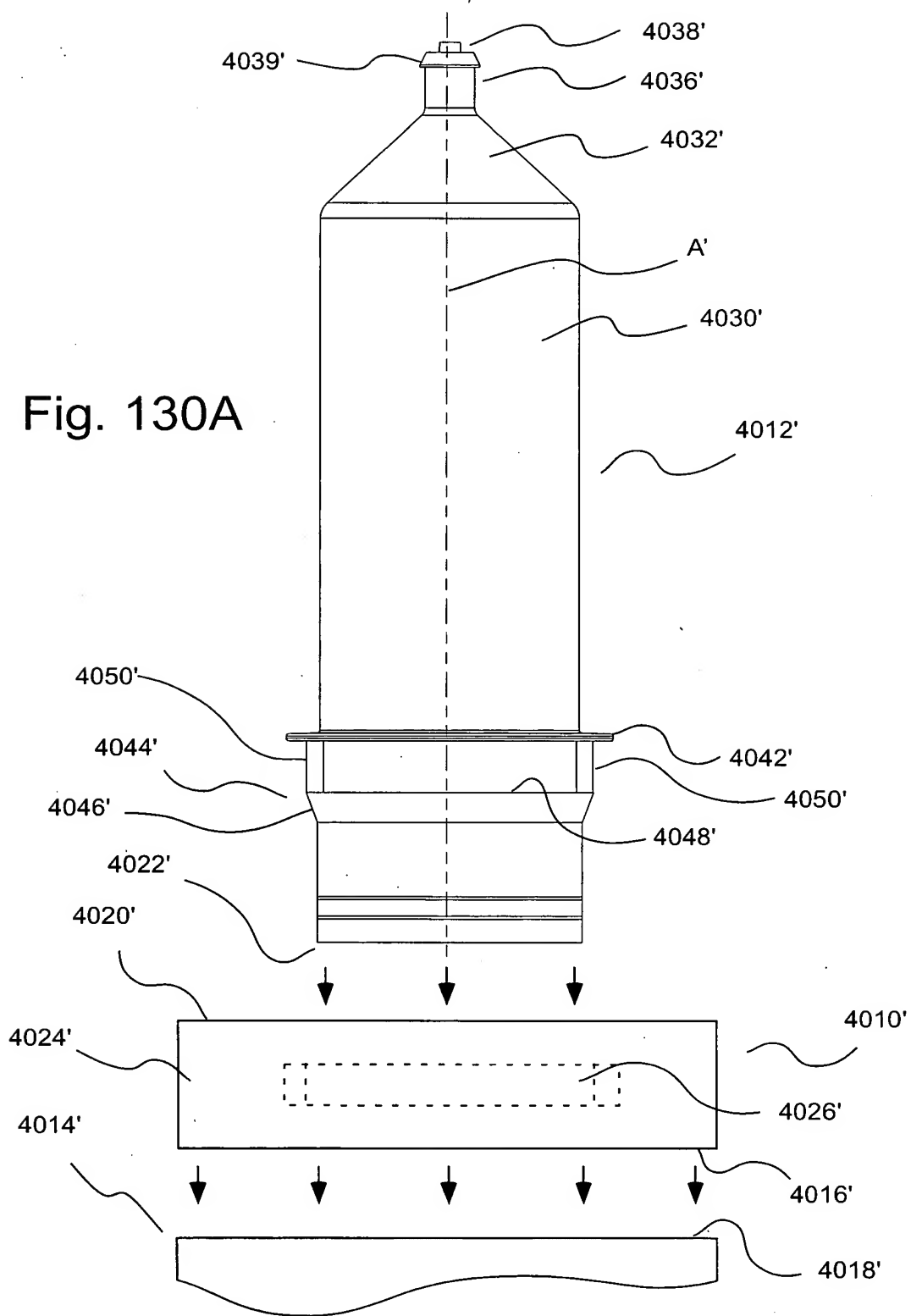


Fig. 129B

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Fig. 130A



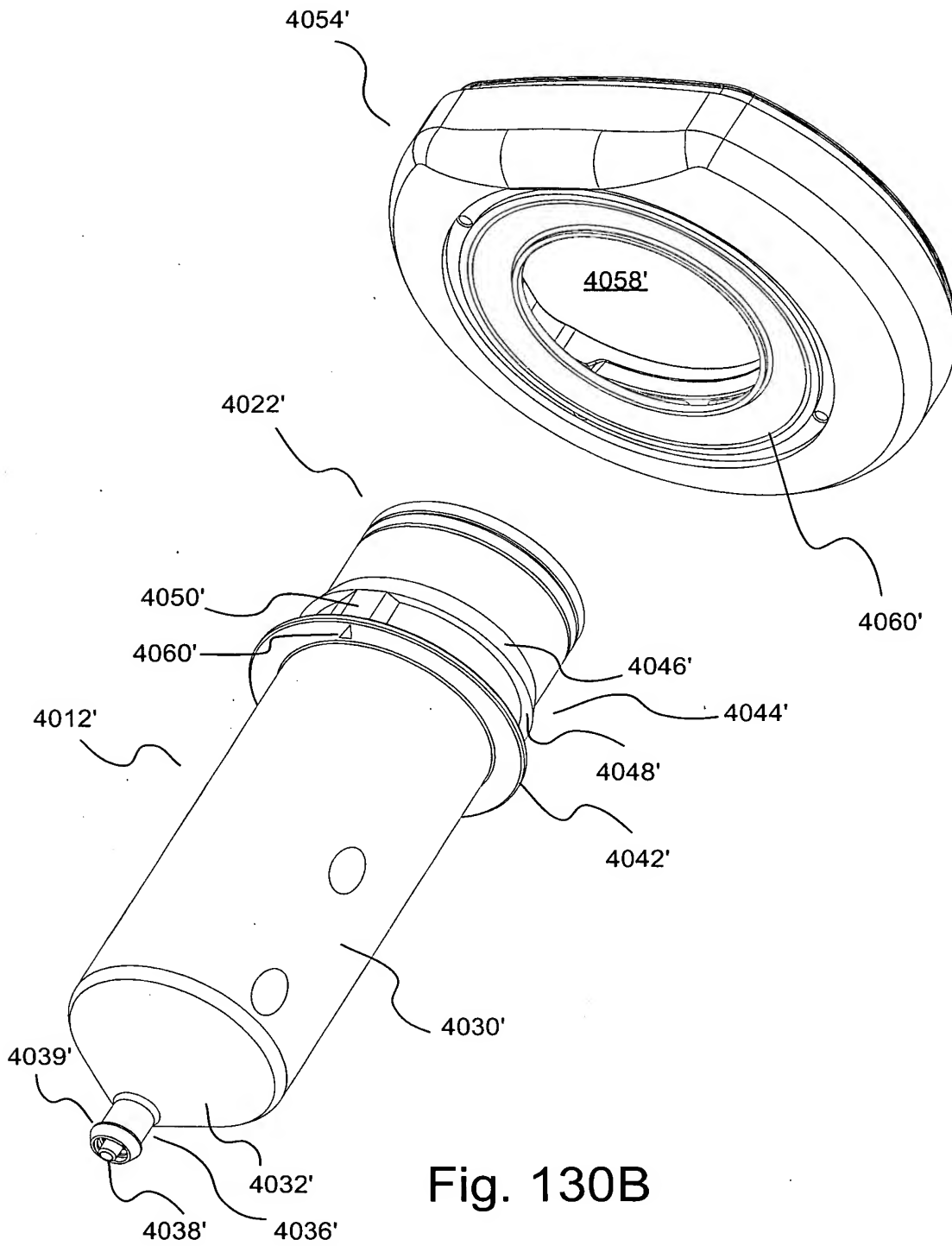


Fig. 130B

Fig. 130C

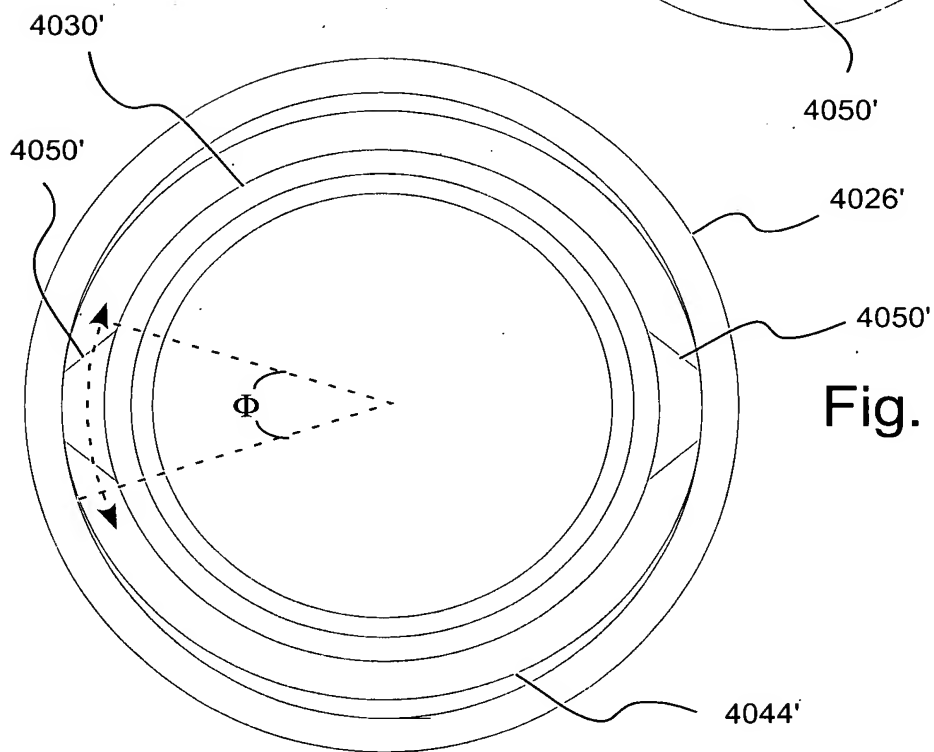
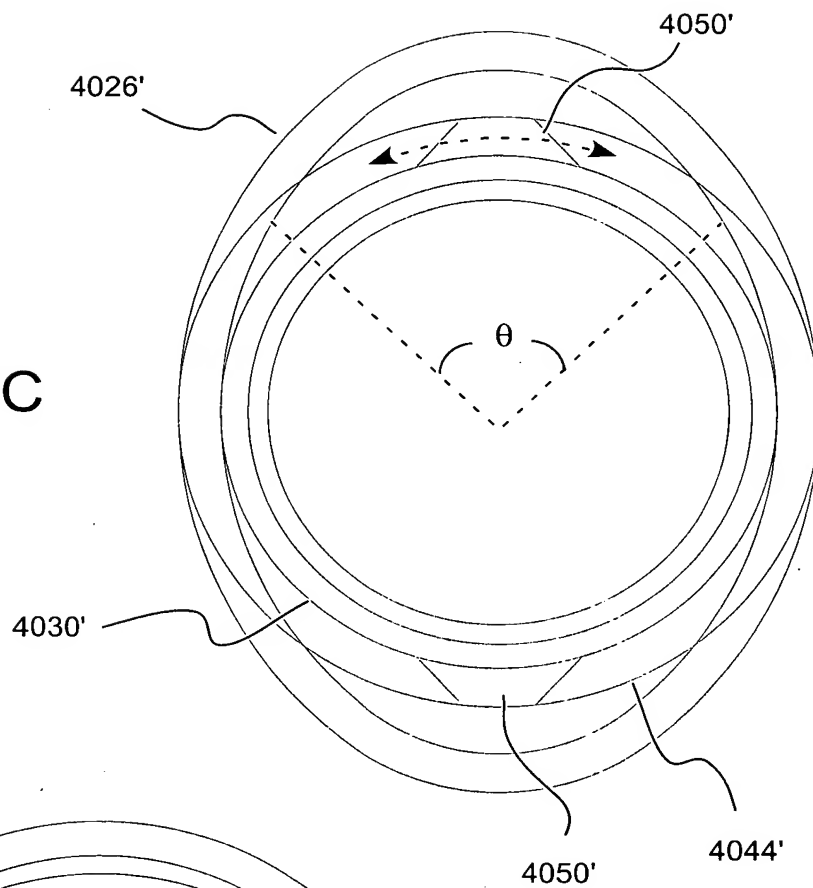


Fig. 130D

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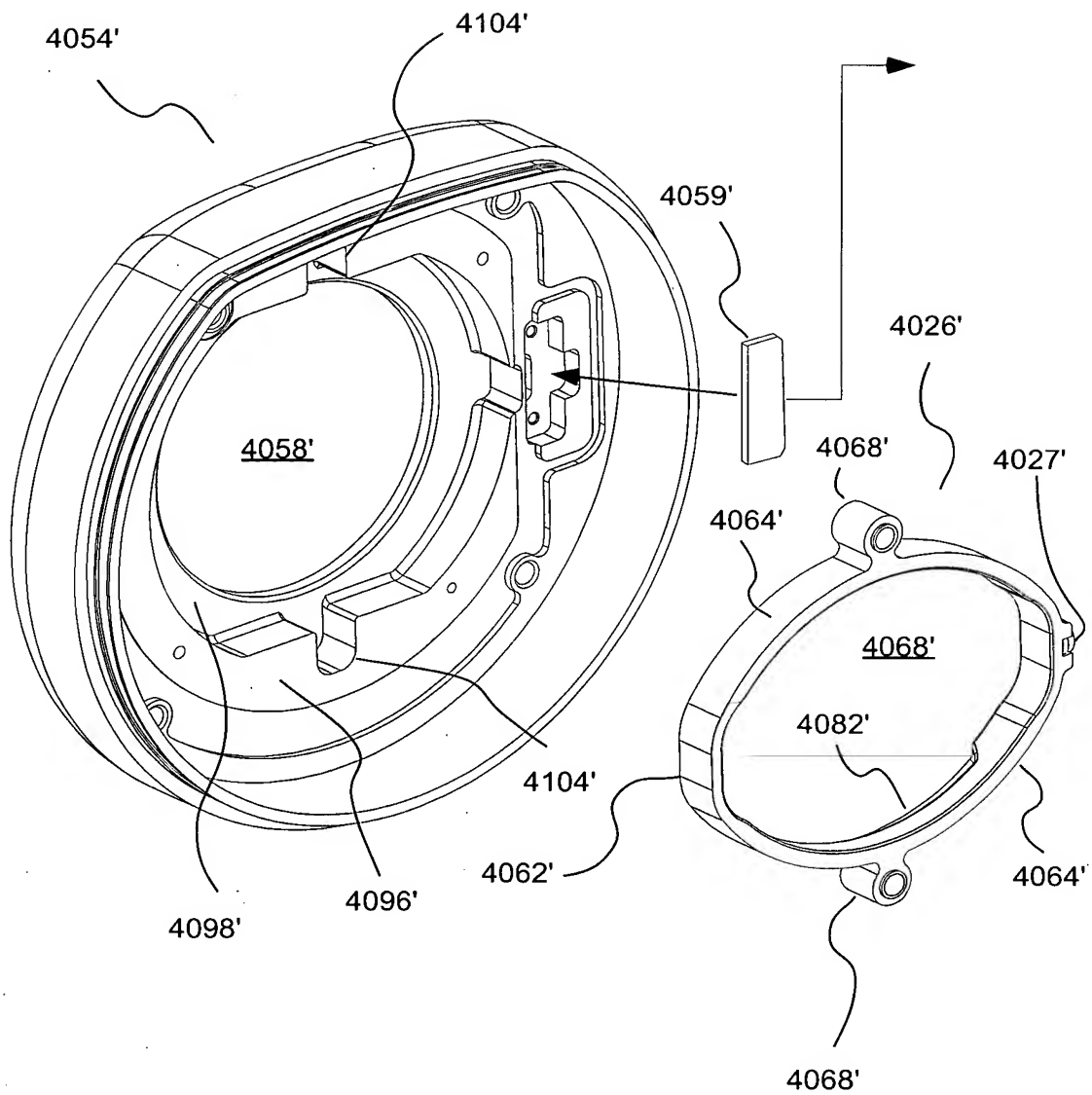


Fig. 131

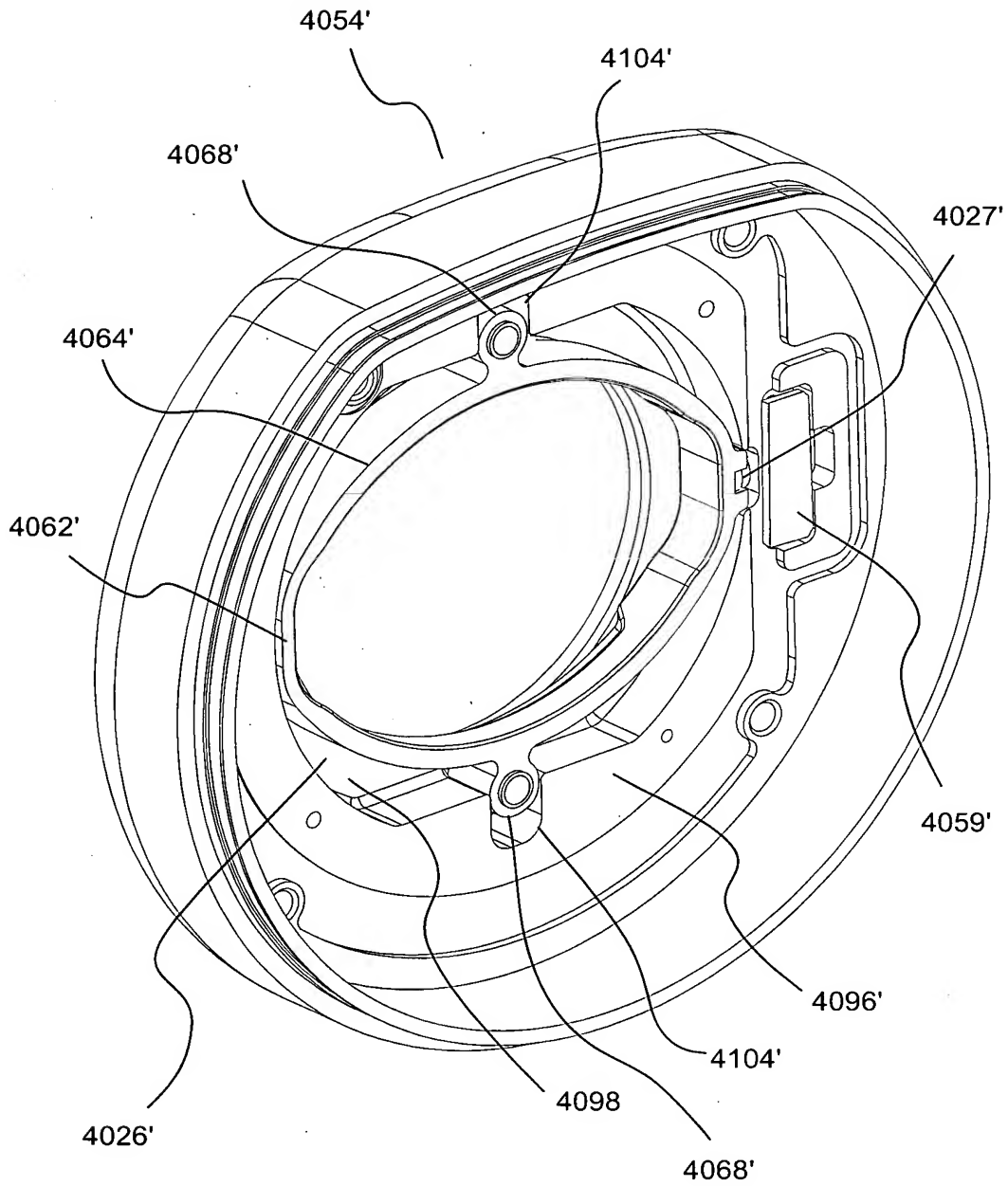


Fig. 132



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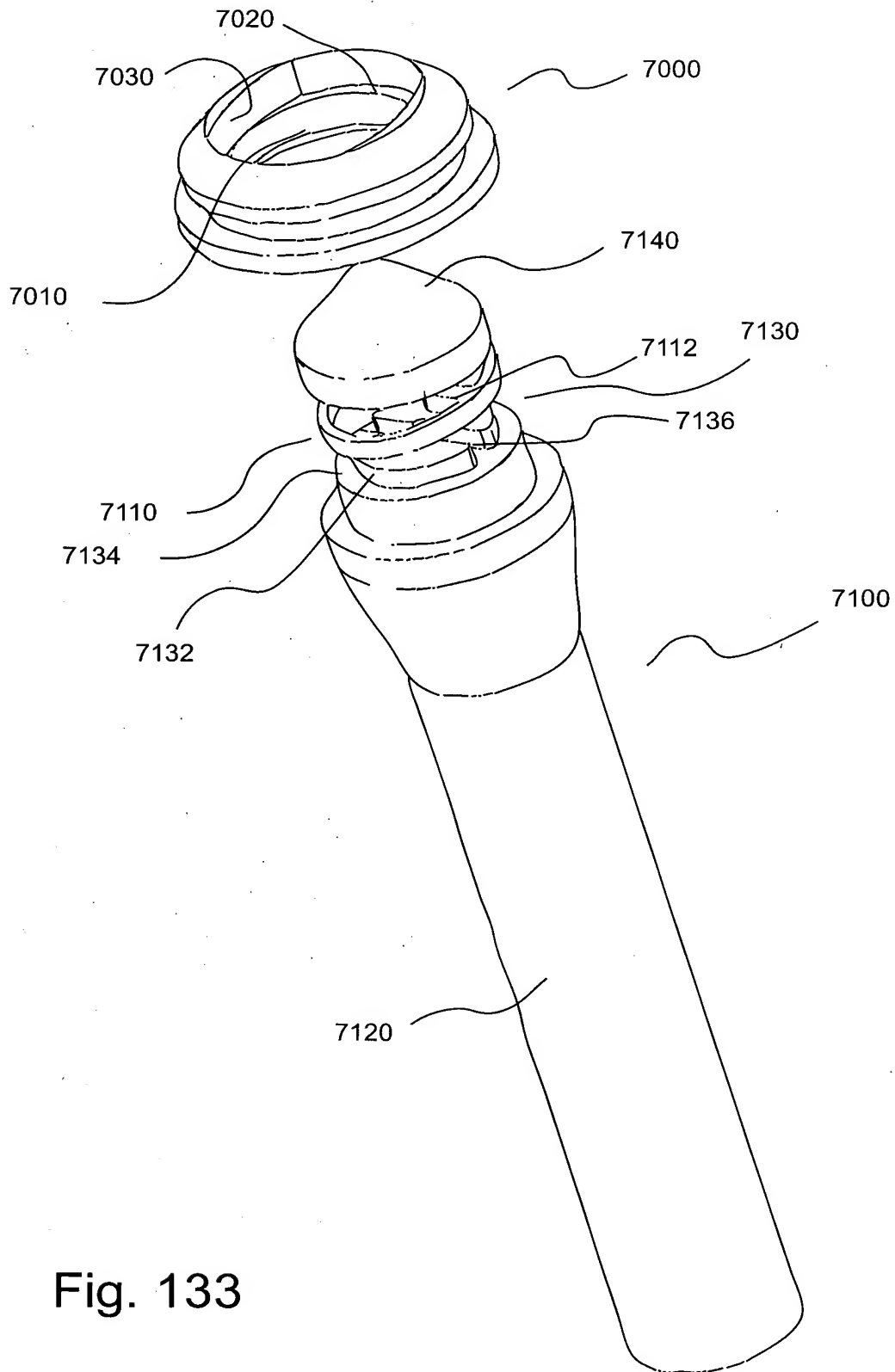


Fig. 133

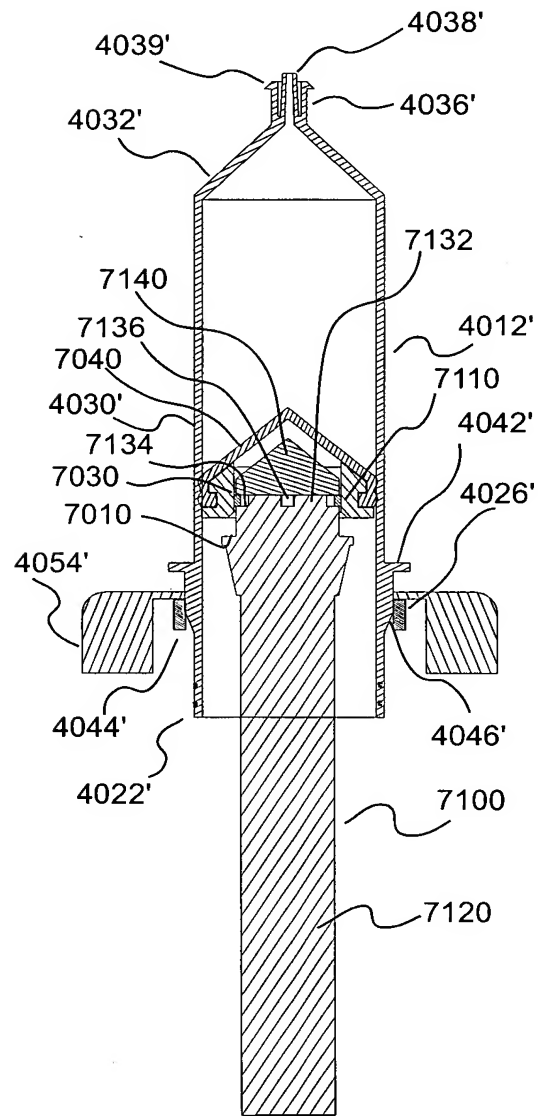
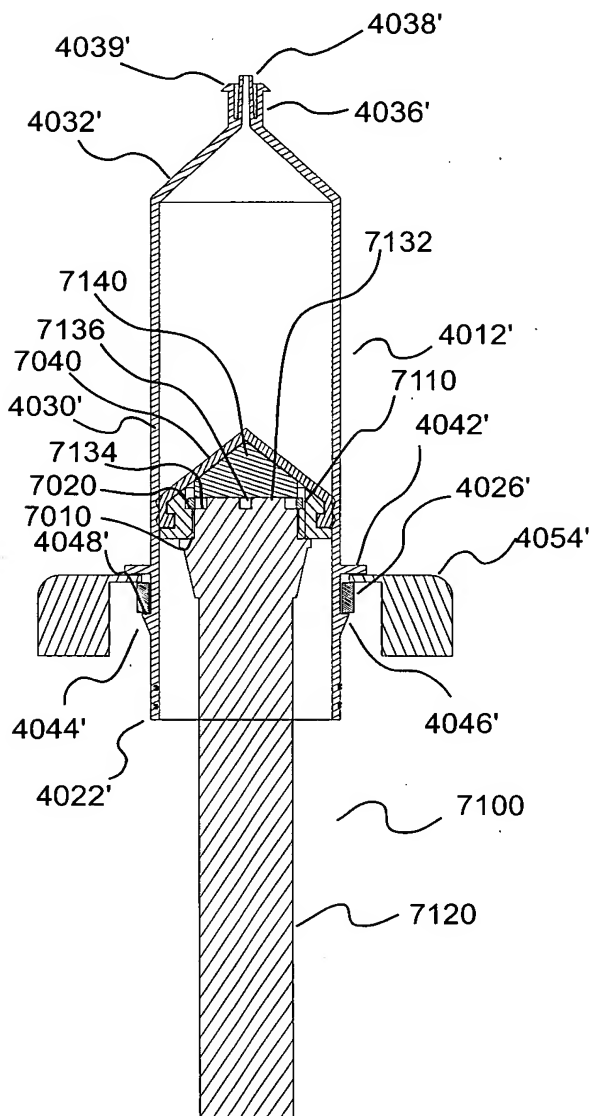
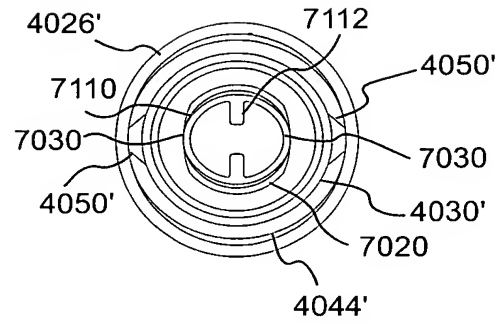
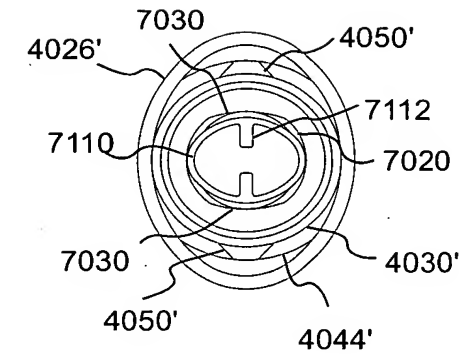


Fig. 134A

Fig. 134B

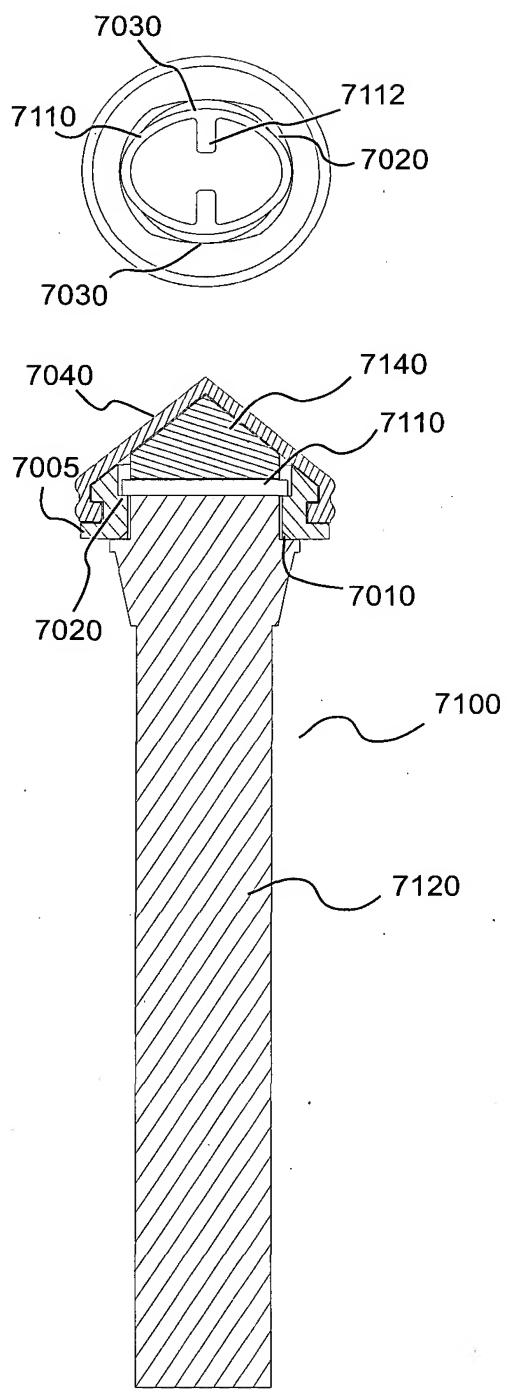


Fig. 135A

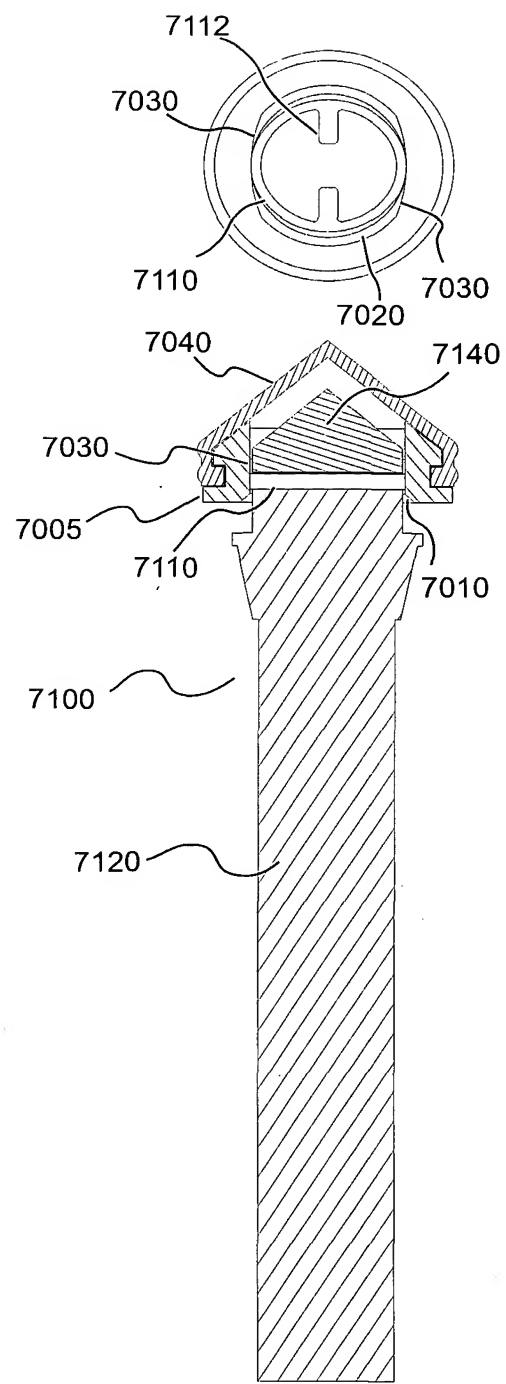
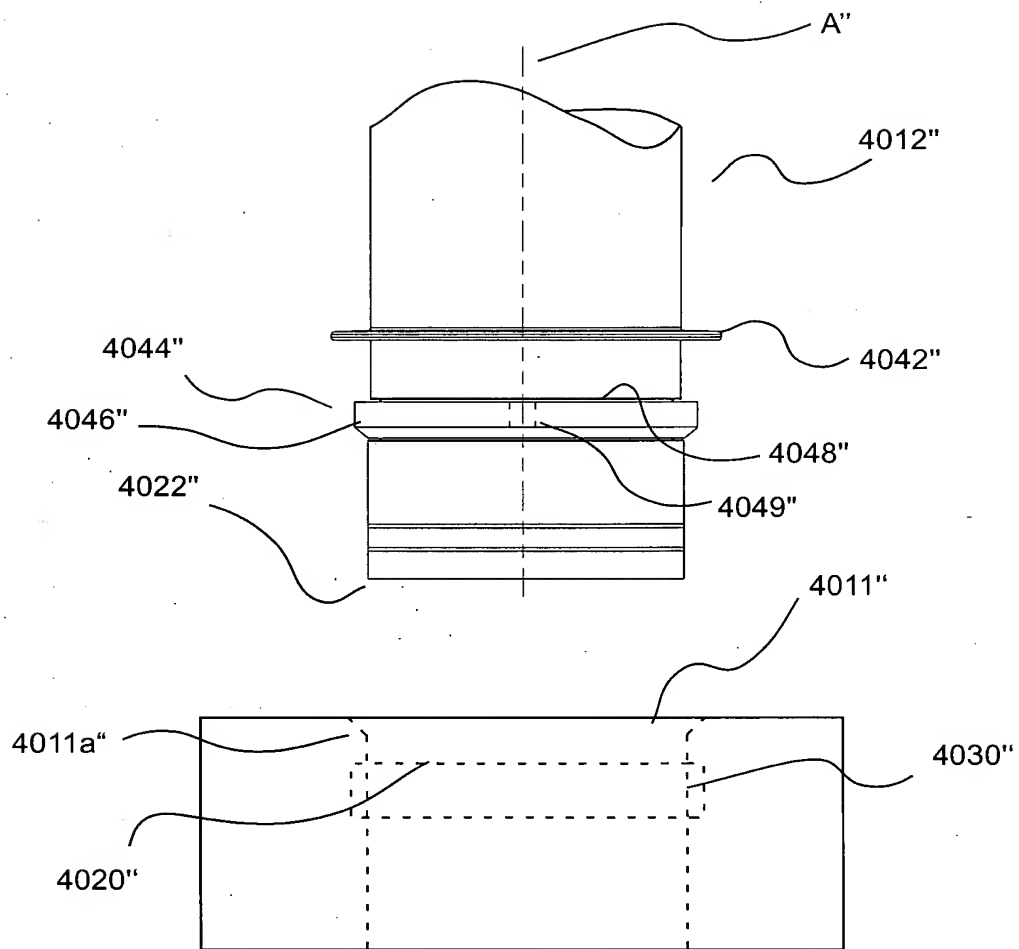


Fig. 135B

Fig. 136A



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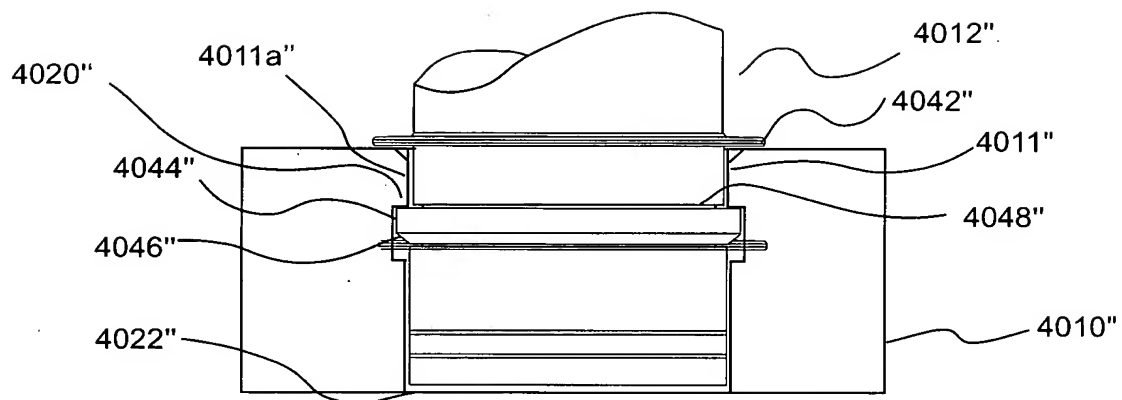


Fig. 136B

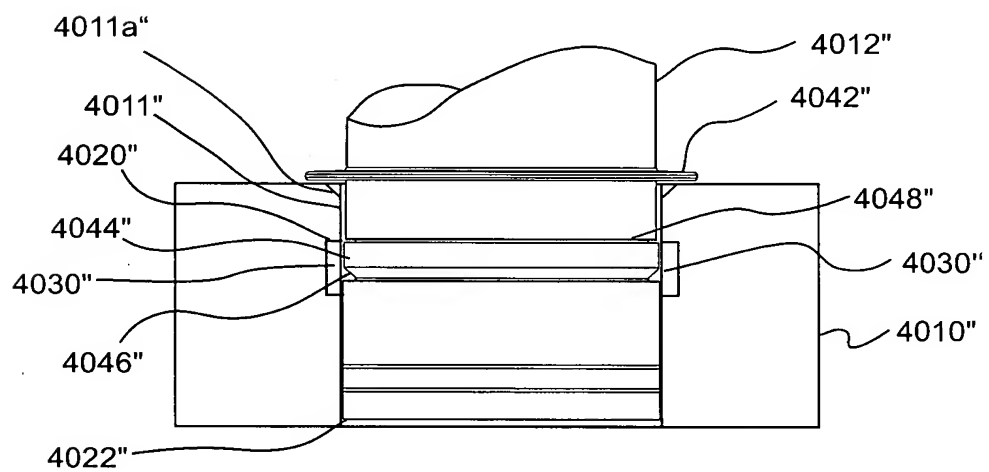


Fig. 136C